



**UNIVERSITY OF
SOUTH FLORIDA**
CSE Student Newsletter

March 9, 2022 – Volume 12, Issue 3

Computer Science and Engineering
University of South Florida
Tampa, Florida



<http://www.cse.usf.edu>



Dear CSE Students:

Welcome to the third newsletter of the spring 2022 semester.

Message from the UG Advisor: No message for this issue. See first attachment.

Message from the Grad Program Assistant: **March 28** - Summer 22/Fall 22 registration opens. **Time tickets** have been issued in OASIS. Please check your accounts NOW to see your registration time and make sure to remove any holds BEFORE registration opens. You cannot register until your holds are removed. Delays in removing the holds will delay your registration and classes do fill up quickly. The Summer 22/Fall 22 schedules are still being finalized. We will post a PDF of the schedule on the website and email it once it is ready. We are not offering any graduate-level courses over the summer. If you plan to do an internship, please get me the request form and offer letter as soon as you can, so that you can be registered for the course.

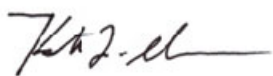
<https://www.usf.edu/engineering/cse/graduate/internship-elective.aspx>

April 21 - Deadline for PhD committee forms if you plan to do your major area in Spring 22. This is the College deadline, so please get them to me at least a day in advance. **May 5** - Admission to candidacy deadline. This is the last day to submit all forms to Grad Studies. Please know that you must present your major area paper and get me the signed forms at least a few days before this deadline.

Please note that the below listing does *not* imply University or Department endorsement:

- Fall 2022 Registration Time Tickets Communication
- Bank of America Software Engineer Opening
- A2 Federal Computer Science Opening
- Intermediate Full Stack Developer / IT Generalist Opportunity
- Entry Level Full-Stack C#/SQL Developer / IT generalist Opportunity
- Pre-IPO VC Backed Company
- Students and Nonprofits Database (SAND)
- Summer Internship 2022 Web Development & Data Science
- USF Global Tech Experience
- GEEO Part-Time WordPress Developer Job

Regards,



Ken Christensen
Professor and Associate Chair of UG Affairs

[CSE Grad] Fall 2022 Registration Time Tickets

Hello all,

Please be sure to check the Academic Calendar for important dates/deadlines.

<https://www.usf.edu/registrar/calendars/index.aspx>

Registration for Fall 2022 starts on March 28. Your actual registration time may vary. Please check your account in OASIS to see your registration status and time ticket. If you have any of the following holds, you will need to follow the instructions below to have them removed. Please check your accounts **NOW** to see your registration time and make sure to remove any holds **BEFORE** registration opens. You cannot register until your holds are removed. Delays in removing the holds will delay your registration and classes do fill up quickly.

The Summer 22/Fall 22 schedules are still being finalized. We will post a PDF of the schedule on the website and email it once it is ready. We are not offering any graduate-level courses over the summer. If you plan to do an internship, please get me the request form and offer letter as soon as you can, so that you can be registered for the course. <https://www.usf.edu/engineering/cse/graduate/internship-elective.aspx>

International Student Insurance Hold (SI) - All international students studying at USF are required to have adequate health insurance coverage at all times. You must submit the Student Health Insurance Agreement before the semester begins; if you fail to submit the form, you will have a registration hold on your account and not be able to sign up for classes. This will need to be done every semester.

[SHS | Insurance Compliance \(usf.edu\)](#)

Graduate Studies Hold (GS) - You need to take the Responsible Conduct of Research (RCR) course. This should only need to be done once by new PhD students. You should have received an email from Graduate Studies with details. If you have this hold, you will need to complete the course before you can register for classes.

<https://www.usf.edu/graduate-studies/research/responsible-conduct-of-research.aspx>

Missing Academic Credentials (AR) - You need to submit your official transcripts to Graduate Admissions. You should have also recently received an email about this. If you did send the transcripts and you still have this hold, please forward me a copy of your confirmation email and/or receipt of delivery and I will follow up.

<https://www.usf.edu/admissions/graduate/next-steps/submit-transcripts.aspx>

Cashier's Office (CA) - There is a balance on your account, and you will need to pay it before you can register.

<https://www.usf.edu/business-finance/controller/student-services/cashiers/>

I cannot remove these holds for you. You must follow the steps outlined in the links, but if you have any issues/questions, please let me know.

Best,

Jessica Pruitt

Academic Program Specialist

Computer Science and Engineering



Job Opening: Software Engineer

Charlotte, NC; Plano, TX; San Francisco, CA

We are seeking smart, energetic and motivated Software Engineers to help us (BofA) continue to deliver our top-rated, J. D. Power-certified mobile app used by over 41M+ users. So, if you are a Computer Science/Related major graduating in this Spring / Summer 2022, passionate about mobile banking/fintech, get ready to work in a most supportive environment rated among the Top Companies to Work for. You will be part of a rare team that truly looks out for you to help you succeed. We have positions open in San Francisco, Plano and Charlotte locations, on a rolling basis.

Job Description

A Software Engineer (SE) will be responsible for design, development and coordination of code development activities on BofA Mobile Applications (iOS and Android). Primarily responsible for delivering design and code while assigned to a project, a SE will represent the development team to the other support groups such as UX development, business sponsors, functional testing, technical/stress testing, and environment-support (such as production and certification). Some of the other responsibilities include:

- Software development activities such as high-level design, low-level design, code, unit test cases, code maintenance, troubleshooting, and code documentation on application development/enhancements/initiatives.
- Code merges, builds, deployments, and setting up of the deployment environments.
- Functional/technical testing on deployment package, troubleshooting issues during testing, and delegating them to the appropriate project teams.
- Coordinating with other developers and QA personnel to manage/address/resolve bug reports.
- Communicating to the management regarding the status of the release.
- Participating in the design, security, capacity and ADA compliance reviews.
- Tasking and allocating resources on the assigned projects, and
- Related tasks.

The ideal candidate will have the following:

- B. S. or an M.S. in Computer Science/Related from an accredited program
- 1+ year(s) of software design/development experience from school or industry
- Hands-on experience and expertise in Java, C or C++ (at least one)
- Experience and expertise in Mobile technology and related tools
- Knowledge of advanced software engineering concepts (design patterns, SDLC, OOP, UML modeling)
- Familiar with Agile methodology

- (Desirable but not required to have) Applications in the App/Play store (iOS/Android)
- (Desirable but not required to have) A portfolio of personal mobile dev projects
- A self-starter, who is motivated, innovative and capable of learning quickly
- Hardworking team player with great communication skills able to work with technical and non-technical individuals

We will provide:

- An excellent and supportive work environment with friendly peers (BoFA is among the “Top Companies to Work For” (Fortune, LinkedIn))
- Freedom to exercise creativity and innovation
- Competitive salary with benefits (medical, PTO, 401K, Family Leave, and more)
- Latest hardware, tools and technologies

For immediate consideration, please send your résumé to cd.vijay@bofa.com (with a link to your public projects on github, elsewhere., if you have one) listing your favorite projects, overall GPA and other interests, if any. Please, NO PHONE CALLS.

About Bank of America Corporation

Bank of America is one of the largest banking institutions in the United States, headquartered in Charlotte, North Carolina. For more than 200 years, it has focused on serving the core financial needs of people, companies and institutional investors. Today, we provide a full range of banking, investment management, financial, risk management products and Services. Our commitment to diversity and inclusion helps make our company a great place to work. Diversity and inclusion are central to our company's values, and we are proud to be widely recognized for our progressive workplace practices and initiatives. We have been honored and recognized over the years as one of the Best Places to Work.

Few Interesting Facts about the Company

- 7 million consumer and small business clients
- 41 million active mobile banking users
- \$204B+ in Merrill Edge client brokerage assets
- \$2.8T+ in Wealth Management client balances
- 4,385 financial centers
- 16,089 automated teller machines
- One of the largest U.S. Commercial Banks
- Top 4 global player within Corporate and Investment Banking
- Relationships with 79% of the 2018 Global Fortune 500 and 94% of the 2018 U.S. Fortune 1,000

Consumer Mobile Downloadable Application (MDA)

Today, mobile banking offers convenient and secure banking from almost anywhere. Our J.D. Power certified App is packed with great features that simplify our clients' financial lives --- check balance, deposit checks, view statements, pay bills, transfer money between accounts and

set up alerts through email, text or push notifications. Browse cash-back deals with BankAmeriDeals® no matter where you are. It's all right at your fingertips, on your timeline. Schedule or pay bills online from home, the office, wherever you can connect. Make quick, secure transfers between your accounts, or use Zelle® to exchange money with friends and family even if they have accounts at other banks. Want a clear picture of your finances? Use our Spending and Budgeting tool to stay on course. It allows you to set up a budget and monitor spending in your accounts to quickly see where your money goes and helps you take control of it. Help protect your account with fingerprint sign-in (or Face ID) on your mobile device. Misplaced card? Order a new one, or lock/unlock your debit card to prevent unauthorized use. Update your passcodes and security settings anytime in our Online Banking Security Center. Mobile Banking offers convenient, secure banking from almost anywhere. Create custom alerts to track your balance or see if a payment is due. Add a digital wallet to pay with your phone. Or, whenever you need help, chat with Erica, our virtual financial assistant ever ready to simplify banking.

//cdv-macbook/BofA-Job Opening-Jan2022.docx

Have you considered working for the US Intelligence Community (IC)?

A2 Federal--a contractor for the defense and intelligence communities--is looking for computer science students working on human language technology (HLT) and natural language processing (NLP) who also might have an interest in working with the US Intelligence Community (IC). A2 would like to work with USF to establish a pipeline/program focused on training and providing real-world experiences for these students to hone their skills and prepare them for an IC career. This will primarily be through an internship/apprenticeship that should lead to a security clearance and could lead to a full-time job with A2 or for one of the agencies of the US IC.

A2 has similar programs established with other universities across the country, where students can be exposed to specialized training in their area of concentration, get started early on with their security clearance processes, and provide them the pathway and training to set them up for success in an IC career.

A2 has asked to coordinate queries through USF's Intelligence Community Center of Academic Excellence (IC-CAE), the Strategic and Cyber Intelligence Program (SCIP). If you are potentially interested in this opportunity, please send the following information to Dr. "Scuba" Steve Gary (sgary@usf.edu):

- Resume or CV
- Official or unofficial transcript(s)
- Degree program and expected graduation date
- Contact information (email and phone number)

Current requirements:

- US citizen (able to receive a US security clearance)
- Completed or will complete HLT or NLP courses or equivalent experience
- Interest in working in the US IC

Intermediate Full Stack Developer / IT Generalist Opportunity

ORGANIZATION:

Founded in 1936, the mission of the American Board of Pathology (ABPath), a member of the American Board of Medical Specialties (ABMS), *is to serve the public and advance the profession of pathology by setting certification standards and promoting lifelong competency of pathologists.* The ABPath is a national certifying Board for pathologists and a 501(c)(6) corporation.

For more information, please visit <http://www.abpath.org>.

POSITION TITLE:

Intermediate Full Stack Developer / IT Generalist

POSITION SUMMARY:

Consideration will be given to a recent graduate who excelled in their studies and demonstrates eagerness to learn.

This exciting opportunity is for an intermediate level Full Stack Developer / IT generalist with 2 to three years of experience writing SQL and C# .NET code. This is a direct hire full time position. Working with a small internal staff and several third-party vendors, this position will primarily assist with the upgrade of several core systems at the Board. This position will assist in the design and testing of components developed by third-party vendors and provide generalized IT support to staff, trustees, and test development committees. This position reports to the Chief Information Officer.

ESSENTIAL FUNCTIONS & RESPONSIBILITIES:

- Assist in monitoring and reporting on third-party .NET development to ensure compliance with technical and business specifications.
- Function as part of an internal development team to develop, enhance and support several internal C# ASP.NET applications with MS SQL database backends.
- Development of complex T-SQL queries, stored procedures, and Azure jobs.
- Develop ad-hoc reports, file extracts, and data-reconciliations.
- Development, support and monitoring of internally developed batch processes.
- Create and update system documentation for production/enterprise systems.
- Engages in requirements gathering and assists in the development of Statements of Work (SOWs).
- Provide real-time technical support to users of ABPath applications.
- Provide generalized IT support of all types for ABPath staff, trustees, and test committees.
- Performs additional related duties as needed.
- No supervisory responsibilities.

COMPETENCIES:

- Must possess strong analytical skills coupled with unparalleled, professional communication skills. Strong technical problem solving (issue identification and prioritization) skills are essential for this role which also includes troubleshooting issues for complex database applications.
- Strong multi-tasking skills are required as they must juggle multiple, high priority items simultaneously while maintaining professionalism.

- Ability to function comfortably and consistently within defined change management and event management protocols.
- Ability to write, modify, and execute complex SQL queries for SQL Server.
- Ability to create algorithms to solve complex business problems using SQL and .NET languages.
- Ability to create stored procedures, user defined functions, indexed views, and triggers.
- Ability to organize and deliver IT services within standard IT frameworks.
- Ability to quickly adapt to a dynamic and evolving enterprise environment.
- Ability to develop and maintain comprehensive documentation in support of system configuration and operation (system diagrams, application topology, data flow, SOPs, business processes, etc.).
- Willingness to roll-up their sleeves and help provide general IT support to the Board, as needed.

EXPERIENCE & EDUCATION:

- Bachelor's degree in Management Information Systems, Computer Science, Engineering, Informatics or related field, or equivalent work experience.
- Minimum 3 years' experience supporting and delivering exemplary quality IT services in a multi-site organization.
- 2 to 3 years of experience in an ASP.NET C# development role.
- 2 to 3 years of experience MS SQL database development.
- Experience supporting cloud applications in AWS and Azure a plus.
- Experience in the Healthcare industry is not a requirement, but desirable.
- Fluent in English, both verbal and written.

POSITION TYPE & EXPECTED WORK HOURS/TRAVEL:

This is a full-time position offering a competitive salary and outstanding benefits, including tuition reimbursement, in a rewarding work environment. Evening and weekend work is minimal, only as job duties demand. This position requires very infrequent travel in the United States.

WORK AUTHORIZATION:

Must be authorized to work in the United States. Will not sponsor applicants for work visas.

WORK ENVIRONMENT & OBLIGATIONS:

This position operates in a professional office environment. This role routinely uses standard office equipment and software such as computers, phones, photocopiers, computer software programs, and fax machines, and is exposed to ambient room temperature.

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an individual to successfully perform the essential functions of this job. In accordance with the Americans with Disabilities Act (ADA), reasonable accommodations will be made to enable individuals with disabilities to undertake the essential duties and responsibilities of the position. While performing the duties of this job, the individual is regularly required to speak and listen. The individual is frequently required to sit at a computer, view a screen, and engage in repetitive motions. Frequently he/she may be required to lift

objects up to 15 pounds, occasionally he/she may be required to lift objects up to 25 pounds, and rarely he/she may be required to lift objects over 25 pounds. The individual is also occasionally required to kneel, reach, or grasp.

EEO STATEMENT:

ABPath is an equal employment opportunity (EEO) employer. Qualified candidates and/or employees receive consideration regardless of race, color, religion, sex, sexual orientation, gender identity and/or expression, national origin, age, marital status, genetic information, disability, status as a disabled, recently separated, Active Duty Wartime or Campaign Badge, or Armed Forces Medal veteran, or any other characteristic protected by applicable laws, regulations, and executive orders. ABPath provides reasonable accommodations for qualified individuals with disabilities. This policy applies to employment actions on every level, including, but not limited to recruitment, hiring, upgrading, promotion, demotion, layoff, recall, termination, rates of pay or other forms of compensation, and selection for training.

OTHER DUTIES:

Please note that this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the candidate for this job. Duties, responsibilities, and activities may change at any time, with or without notice.

CONTACT:

Send cover letter and resume to Josie Santos, CFO/HR, American Board of Pathology at Josie@abpath.org.



4830 W. Kennedy Blvd., Ste 690, Tampa, FL 33609
Monday – Friday; 8 a.m. - 4 p.m.

POSITION TITLE: Entry Level C#/SQL Developer / IT Generalist

POSITION SUMMARY:

This exciting opportunity is for an entry level Full-Stack C#/SQL Developer / IT generalist with knowledge in writing SQL and C# .NET code. Working with a small internal staff and several third-party vendors, this position will primarily assist with the upgrade of several core systems at the Board. This position will assist in the design and testing of components developed by third-party vendors and provide generalized IT support to staff, trustees, and test development committees. This position reports to the Chief Information Officer.

ESSENTIAL FUNCTIONS & RESPONSIBILITIES:

- Assist in monitoring and reporting on third-party .NET development to ensure compliance with technical and business specifications.
- Function as part of an internal development team to develop, enhance and support several internal C# ASP.NET applications with MS SQL database backends.
- Development of complex T-SQL queries, stored procedures, and Azure jobs.
- Develop ad-hoc reports, file extracts, and data-reconciliations.
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- Engages in requirements gathering and assists in the development of Statements of Work (SOWs).
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COMPETENCIES:

- Must possess strong analytical skills coupled with unparalleled, professional communication skills. Strong technical problem solving (issue identification and prioritization) skills are essential for this role which also includes troubleshooting issues for complex database applications.
- Strong multi-tasking skills are required as they must juggle multiple, high priority items simultaneously while maintaining professionalism.
- Ability to function comfortably and consistently within defined change management and event management protocols.
- Ability to write, modify, and execute complex SQL queries for SQL Server.
- Ability to create algorithms to solve complex business problems using SQL and .NET languages.
- Ability to create stored procedures, user defined functions, indexed views, and triggers.
- Ability to organize and deliver IT services within standard IT frameworks.
- Ability to quickly adapt to a dynamic and evolving enterprise environment.
- Ability to develop and maintain comprehensive documentation in support of system configuration and operation (system diagrams, application topology, data flow, SOPs, business processes, etc.).
- Willingness to roll-up their sleeves and help provide general IT support to the Board, as needed.

Send cover letter and resume to Josie Santos, CFO/HR, American Board of Pathology at Josie@abpath.org.

Pre-IPO VC Backed Company

Opportunity to work for a highly regarded, high-growth company who has over 1,000 clients including some of the largest e-tailers in the world. They generated over \$2 billion in revenue for their clients last year. Company signed both the White House and UN equality package.

Seeks full-time, remote position with recent graduate whose interest lies in back-end development. Looking for someone can work closely with the produce team to deliver quality features in high-quality code practices. Applicant should be flexible and comfortable across all development stacks to help solve issues at all levels, including code modularity and re-use.

Salary: 60-80K with full benefits and potential for bonuses based on performance

Pre-ipo stock options

Qualifications:

1-2 years of professional software development experience

BA/BS or MS Degree in Computer Science preferred, or equivalent work experience

Proficiency with Go, Java or similar programming languages

Familiarity with computer science fundamentals (e.g. data structures, algorithms, time complexity, etc.)

Preferred Qualifications:

Understanding of SOA, RESTful APIs, and micro-services

Knowledge of relational databases

Understanding of Cloud Computing, Containers, CI/CD, Deployments, preferably on Google Cloud Platform

Has worked in the Agile Framework (Scrum, Kanban, etc)

Has good understanding of operational issues, load balancing, cost, performance, etc

If interested, email a copy of your resume to one of our team members, mentioning the name "foley".

Contact Information:

John Paul Engel

Email: jpengel2@gmail.com

Caitlin Foley

Email: caitlin.foley@westernu.edu

Our nonprofit is building a database to connect students with nonprofits. We are looking for more students with a background in technology to help develop it.

REQUIREMENTS:

- TAKEN CLASSES ON THE SUBJECT OR HAVE EXPERIENCE ON SIMILAR PROJECTS

EXPERIENCE(AT LEAST ONE):

- WEB DEVELOPMENT
- UX WIREFRAME
- SOFTWARE ARCHITECTURE
- UI DESIGN
- INTEGRATION TO WEB STORE
- ANY SKILL(S) RELEVANT TO DATABASES, WEBSITES, OR APPS



If you're interested,
please fill out the google
form with the link or QR
code:

[https://forms.gle/wQ6U
QRzBhHbkvNAZA](https://forms.gle/wQ6UQRzBhHbkvNAZA)



Summer Internship 2022 Web Development & Data Science

Are you a motivated Data Scientist or Software Engineer who wants to assist in the design and build of web applications from the ground up? Do you like to design and build algorithms as much as you like to write code? If so, come join the summer internship.

If needed, we may sponsor a work Visa for International Students.

Level of Education: Undergraduate and Graduate
Contact Person: Matt Hosseini, matt@startinvest.com

How to Apply: Please send your resume/CV by 03/21/2022 to matt@startinvest.com

Company: StartInvest

<https://www.startinvest.com>

Internship with maximum pay up to \$50 per hour, maximum of 40 hours a week

Location: Los Angeles and/or Remote

Company:

StartInvest helps companies raise capital by private equity on our web platform. With over \$200 billion in marketcap in US, our Fintech strategy is aimed to be the number one online private equity market provider. StartInvest is transforming its business and shaping the financial services sector by driving quality, convenience, and customer service to new levels of excellence. It's an exciting time for our organization, to aim for our highest goals and achievements. If you're ready to unleash your potential to help drive change through bottom-up innovation, apply now.

StartInvest's unique Fintech approach to private equity gives us a great advantage in helping early-stage all the way to Pre-IPO companies. We help investors by giving them access to private deals which has been very limited before. We believe the future of venture capital is here and we may disrupt it through technology. The combination of the unprecedented access to private equity and Fintech results in great ideas and companies being funded, paving the way to a brighter future.

Internship at StartInvest:

At StartInvest, you will join our team of developers and engineers to gain hands-on experience in web development. Your hands-on experience will help you toward your short-term and long-term career goals by giving you the opportunity to learn and practice in an applied setting. The learning and practice challenges will strengthen your problem-solving capabilities along with teamwork skills.

- Perform hands-on software development, including writing code from scratch, unit tests, doing proof of concepts, conducting code reviews, and testing in ongoing sprints
- Work closely with other developers to implement innovative solutions to challenging web development problems
- Participates in system design and specifications, program logic and flow-charting, development, testing, debugging, documentation, and support
- Drive automation and ensure automated test scripts are completed for new features

- Provides analysis of problems and recommends solutions

Qualifications

- BS or MS degree in computer science, or equivalent 2+ years of work experience
- Strong experience building progressive web applications
- Experience working with React
- Strong background with JavaScript
- Experience working with NodeJS
- Experience working with PostgreSQL and MongoDB
- Experience with AWS
- Proficiency working with Docker
- Proficiency working with GraphQL and Kubernetes
- Strong experience in systems architecture design and development
- Experience using test-driven development practices
- Ability to efficiently manage and build large, complex web applications
- Strong analytical and problem-solving skills, with good attention to detail
- Excellent oral and written communication skills
- Self-motivated, ability to work independently
- Ability to use creative thinking to develop innovative solutions to business problems
- Strong project management skills, including the ability to manage multiple projects simultaneously
- Ability to mentor other developers and interns

Additional Information

- Professional maturity, integrity, discipline, and a positive attitude.
- Ability to work in a fast-paced, team environment.
- thoughtful, organized, and disciplined: You take initiative and ownership to see things through to completion and empower others to do the same.
- Entrepreneurial spirit: you're agile, creative, resourceful, and tenacious as you solve problems and achieve team and company goals.

USF Global Tech Experience

The Education Abroad Office is pleased to announce the return of the [USF Global Tech Experience](#) for Summer 2022. Last year, we saw participation from majors all across campus, and student feedback was overwhelmingly positive. At its core, the USF Global Tech Experience strives to create a learning environment for diverse student populations to come together — many of whom are typically underrepresented in traditional international programming. We were thrilled to see this extensive collaboration first-hand and are excited to continue offering our students this unique opportunity to jointly work with peers from around the world, in addition to developing applied technical skills.

The Global Tech Experience is a career skills building program focused on one of three technical tracks, all of which are interwoven with the intercultural communication skills needed to join the global workforce.

- Digital Marketing
- Web Development/
Coding
- Data Analytics

Industry leaders provide students with training via pre-recorded modules and exercises. Weekly LiveLabs are structured to simulate real working conditions, using data and case studies from Netflix, Spotify, and many other global companies. Because of the focus on applied industry skills and the mock-work experience structure, students will earn 6-credit hours of IDS3947. This course will not contribute to excess credit hours and the program is open to all majors.

While not a true internship, the program does provide a mock work experience. Some majors have chosen to allow the program to count as a global experience and others as an internship experience. This is entirely up to the academic department.

GEEO Part-Time WordPress Developer Job Description

The Center for Global Economic and Environmental Opportunity (GEEO) is currently looking for a WordPress Developer. This position requires an undergraduate's degree, master's degree in computer programming, computer science, engineering or a related field with strong WordPress experience to customize the appearance and the functionality of the GEEO East Central Florida regional interactive dashboard website to the GEEO website WordPress platform. The dashboard will monitor the performance of SDG indicators, that are statistics used to measure social equity, economic growth, institutional capacity, and environmental protection to ascertain the different dimensions and levels of sustainable development.

Duties

- Website and application development support
- WordPress theme and plugin development
- Work with Project Coordinator
- Report to Project Coordinator

Preferred Qualifications

- Strong knowledge of the WordPress platform
- Development experience building plugins, themes, templates, custom fields, multisite, integrations, and caching implementations
- 1+ years of professional experience working with and staying current in the latest advances in web technologies, highly preferred
- Undergraduate's degree or master's degree in Digital Media, Computer Science, engineering or related technical discipline
- Analyze problems and help create innovative solutions involving technology, methodology, tool, and solution components
- Ability to convert comprehensive layout and wireframes into working HTML pages
- Good understanding of Jekyll, React and Next.js
- Good understanding of front-end technologies, including HTML5, CSS3, JavaScript, jQuery
- Comfortable working with debugging tools like Firebug, Chrome inspector, etc.
- Strong understanding of back-end development (PHP, MySQL)
- Proficient understanding of code versioning tools such as Git, SVN, or Mercurial
- Experience building/optimizing RESTful APIs, APIs and formats (JSON, XML)
- Extensive experience with code versioning tools like GitHub
- Experience building user interfaces for websites and/or web applications
- Analyze problems and help create innovative solutions involving technology, methodology, tool, and solution components

- Ability to meet deadlines with excellent time management skills
- Detail oriented with excellent communication skills

Salary

Position pays \$20-25 per hour, for up to 20 hours per week, through March, April, May 2022. Position may be extended, based on the needs of the center.

Additional Application Materials Requirement

In the cover letter, in a small paragraph, please describe your experience with WordPress, React, Next.js, and statistics (results of data analysis) projects.

Apply

<https://jobs.ucf.edu/en-us/job/501581/ops-advertised-wordpress-developer>