Dear CSE Students:

Welcome to the fourth newsletter of the Fall 2019 semester.

**Message from the UG Advisor:** Registration appointment times for spring should be visible in OASIS this week. Check OASIS to view your assigned registration date and time. Registration begins November 4th. Register as soon as your assigned time allows. Do not wait for fall grades to post. Additional reminders: Graduation checklists are due November 1st for Spring and Summer 2020 graduates. The last day to withdraw without academic penalty and with no refund is November 2nd. Cybersecurity majors: Hands on Cybersecurity—CIS 4622 and Penetration Testing—CIS 4200 will be offered in spring 2020. They will not be available in Summer or Fall 2020. If you plan to graduate during any term in 2020, and you still need either course, take them this spring.

**Message from the Grad Program Assistant:**
- For those students who are graduating this Fall 2019, make sure that you have applied for graduation via OASIS. If you are an international student, keep in mind that in order for your OPT request to be approved, you must have the Comprehensive Exam passed.
- If you are defending a thesis/dissertation, please be mindful of the deadlines. If you are unsure of such dates, please see me in ENB 342D or send me an email for clarification.
- For those students continuing, registration for Spring 2020 opens November 4. Check your time-ticket for registration in a timely manner.

Attached are announcements for the following (please note that this listing does **not** imply University or Department endorsement):
- Lockheed Martin Engineering Technical Talks at USF
- Operational Technology Student Technical Position
- Cipher Tech Solutions Software Development Job Opportunities
- Bank of America Software Engineering Job Opportunity
- Cyber Florida Career Fair
- KnowBe4 Women’s Cybersecurity Scholarship Opportunity

Regards,

[Signature]

Ken Christensen  
Professor and Associate Chair of UG Affairs
Inside every engineer is the child who reached for the stars.

Who says childhood dreams don’t come true? I always imagined searching beyond our planet as a kid. With Lockheed Martin, I’m working with the world’s best scientific minds to drive innovation with a purpose — launching missions that will take humankind farther than ever before.

Lockheed Martin. Your Mission is Ours.™

At Lockheed Martin Missiles and Fire Control (MFC), we’re taking innovation to the next level. From designing the most advanced missile systems to programming self-driving vehicles and giving discarded items new life creating clean energy, our engineers live on the cutting edge of technology and progress. Never have the opportunities for a technical career been so limitless.

Interested in Candidates Pursuing BS or MS Degrees in:

- Electrical Engineering
- Math
- Aerospace Engineering
- Computer Engineering
- Physics
- Mechanical Engineering

Engineering Technical Talks
Full Time & Summer Internship Positions
Missiles & Fire Control - Orlando

Date: October 22, 2019 and October 23, 2019
Time: 6:00 PM - 8:00 PM
Location: Engineering Auditorium (ENA) 105

*Bring Your Resume / Casual Attire*

To be considered for an interview, please apply on our website prior to attending one of our Technical Talks

www.LockheedMartinJobs.com

Full Time Req ID: 494330BR
Summer Internship Req ID: 494754BR

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Operational Technology Student Technical Position

Hourly Wage: $11.50

Duties:

This position will assist the Operational Technology department with technical support for various building control systems. Seeking a detail-oriented, self-motivated student that will be available for a year or more. This position will interact with customers and other employees on a daily basis and must be able to communicate and listen effectively in order to diagnose issues, assist customers, and work in a team environment.

This position will assist technicians with maintenance and repair of various field electronics, sensors, and devices. The ability to troubleshoot technical issues and solve common problems is necessary.

This position requires a broad background in computer hardware and software, with potential to learn specific control systems. Experience with Microsoft Windows, Microsoft Office, and common productivity software is required. Experience with SQL and common programming languages is preferred.

Average Number of Hours per Week: Hours are flexible, but an average of 20-25 hours per week is required. A valid Florida driver’s license is required.

Standard Learning Objectives:

As a result of this position, student will be able to:

• Demonstrate basic employability skills such as: timeliness to work, appropriate dress, interpersonal communication, and time management
• Receive and solicit feedback from supervisor and effectively apply feedback on the job
• Assess workplace and demonstrate how personal talents, skills, and knowledge fit into the employer’s goals, mission, and vision
• Demonstrate his or her professional brand (identity)
• Communicate transferable and functional skills to prospective employers

Contact Information for Questions about Recruitment: Brian Ippolito 813-974-2230; Jhoan Martinez Hernandez 813-974-2607
Cipher Tech Solutions

Engineering software solutions for the warfighter

Mission-Driven Careers
- Reverse Engineers/Malware Analysts
- Forensic Software Developers
- Cyber Intel Analysts
- Digital Forensics Examiners

BWI Airport, Bethesda, MD, and Tampa, FL

Recruiting@CipherTechSolutions.com
443-459-1609

• Entry-Level Forensic Software Developer, BWI Airport area, MD
  (No clearance required to apply):
  https://ciphertechsolutions.applicantpro.com/jobs/1150302-416434.html
  *Link expires Nov. 30, 2019

• Entry-Level Forensic Software Developer, Tampa, FL
  (TS level clearance required):
  https://ciphertechsolutions.applicantpro.com/jobs/1212153-416434.html
  *Link expires Nov. 30, 2019
Job Opening: Software Engineer, Charlotte, NC, San Francisco, CA

Bank of America (BofA), a Top U.S. Bank, is seeking energetic and highly motivated Computer Science/Related majors (graduating in Spring / Summer / Winter 2019-20) passionate about mobile application development for the role of Software Engineer to help it continue to deliver industry-leading, J. D. Power-certified mobile apps, from our San Francisco and Charlotte locations.

Job Description

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

- 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 any issues that surface 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
- Any other related tasks.

The ideal candidate will have the following:

- B. S. or an M.S. in Computer Science/Related from an accredited program (students graduating in Aug / Dec 2019, May 2020, and recent graduates are encouraged to apply)
- 1+ years 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, OO, UML modeling)
- Must be a self-starter, who is motivated, innovative and capable of learning quickly
- Familiarity 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
• 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
• Freedom to exercise creativity and innovation
• Competitive salary with benefits (medical, dental, vision, PTO, 401K)
• Latest hardware

Please send your résumé to cd.vijay@bankofamerica.com (with a link to your public projects on github, etc., if you have one) for immediate consideration. Please, NO PHONE CALLS.

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. Need help? Chat with Erica, your virtual financial assistant.

Development Team Locations

Our Mobile Engineering and Architecture team provides complete engineering and services support for the mobile banking application from Charlotte, NC, San Francisco, CA, and Plano, TX, locations.
CYBERSECURITY JOB SEEKERS

Network with potential employers and explore job opportunities at Cyber Florida’s first statewide Career Fair! Held on-site as part of Florida Cyber Conference 2019, the Cyber Florida Career Fair will give you the opportunity to meet face-to-face with employers in the cybersecurity industry. Gain insight to potential career paths and learn about current and future opportunities in the field. To register for this event, please visit the conference website at flcybercon.com.

WHEN: Thursday, October 24, 2:00 to 5:00 PM
WHERE: Florida Cyber Conference 2019
Tampa Convention Center
333 S. Franklin St., Tampa, FL 33602
COST: Free for job seekers

Questions? Please contact Nikki Sanberg at nsanberg@cyberflorida.org.

WWW.FLCYBERCON.COM

Please note: The Career Fair is FREE for all job seekers to attend, but you must register in advance. Career Fair registration does not grant access to conference activities on October 25; separate conference registration is required.
KNOWBE4 WOMEN’S CYBERSECURITY SCHOLARSHIPS

Administered by the
Center for Cyber Safety and Education

Applications open on Monday, Sept. 16, 2019 and close on Nov. 25, 2019 at 12:00 Noon EDT.

A summary of the scholarship is below, complete details and access to the application may be found at https://iamcybersafe.org/s/knowbe4-womens-cyber-scholarships-

Scholarship Award:

The recipient of the KnowBe4 Women’s Scholarship will receive:

- A $10,000 Scholarship to be applied to tuition, fees and books only.
- A three-month paid internship with KnowBe4 to take place May 19, 2020 thru August 7, 2020.
- Please note the recipient is responsible for travel and lodging for internship.

ELIGIBILITY:

- Recipient MUST be able to commit to interning at the KnowBe4 corporate office in Clearwater, FL. from May 19, 2020 thru August 7, 2020. Internship is paid, the rate of pay will be based upon education level.
- Must be a female pursuing, or plan to pursue, a degree with a focus on cybersecurity or information assurance.
- You must be an undergraduate student, graduate or post graduate student to be eligible.
- GPA must be at least 3.3 on a 4.0 scale (or an analogous rank based on a comparable scale).
- You must be a US citizen or permanent resident in the United States.
- May be attending on campus or online.
- May be attending full time or part time.
- Must be attending in the US.
- If awarded: the funds will be sent to your school with instructions that it be applied to tuition, fees and books. Awards are NOT paid to the scholarship recipient.

Contact Carol Boniface <cboniface@isc2.org> if you have any questions