USF NEXUS INITIATIVE 2019 AWARD RECIPIENT

Redwan Alqasemi

Achieving Full Robotic Autonomy through Human Demonstration, Robot Observation, and Deep Learning

Thailand's government has identified artificial intelligence and robotics as some of the critical engines of growth in its 2016 Thailand 4.0 economic initiative. Furthermore, Chulalongkorn University (Chula U) is one of the leading research institutions in Thailand that produces innovative research in robotics. This UNI project aims to: (1) Partner with Chula U to implement USF's recent work in robot control using Chula U collaborators' robots; (2) Identify specific industrial robotic applications of mutual interest in the area of robot control; and (3) Plan for proposal writing to fund one or more of the identified research projects.

Partnerships:

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