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Date of Birth: 17.02.1990

Research Interests

Real-Time Embedded Systems, Cyber-Physical Systems

Education

- Sep.2016 -Present **PhD candidate**, Embedded Systems Group
Uppsala University, Sweden
Research Directions: Abstraction of Cyber-Physical Systems
Supervisor: Wang Yi
- Sep.2013 -July.2015 **Master of Engineering**, Computer Application Technology
Northeastern University, China
Research Directions: Real Time Calculus and Scheduling
- Sep.2009 -July.2013 **Bachelor of Engineering**, Computer Science and Technology
Northeastern University, China

Teaching Experience

- Teaching Assistant Real Time Systems, 2017 Fall.
Uppsala University
- Teaching Assistant Programming Embedded Systems, 2017 Spring.
Uppsala University

Publications

Jakaria Abdullah, Gaoyang Dai, Morteza Mohaqeqi, Wang Yi. "Schedulability Analysis and Software Synthesis for Graph-Based Task Models with Resource Sharing" IEEE Real-Time and Embedded Technology and Applications Symposium (RTAS) 2018 (accepted)

Jakaria Abdullah, Gaoyang Dai, Nan Guan, Morteza Mohaqeqi, Wang Yi. "Towards a Tool: TIMES-Pro for Modeling, Analysis, Simulation and Implementation of Cyber-Physical Systems." Models, Algorithms, Logics and Tools 2017: 623-639

References

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