

# Paul Thim



## Career Mission Statement

To have a meaningful career in software engineering by utilizing my professional experience, education, and building on my technology skills. Additionally, looking forward to developing new skills while I complete my academic degree and pursue ongoing education in the fields of software engineering and computer science. Lastly, hoping to obtain a position in a company that fosters ongoing career growth and development by valuing continuous learning.

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References available upon request



## EXPERIENCE

### CAREER EXPERIENCE INTERN, APPLE HEADQUARTERS

Cupertino, CA — May 2018-November 2018

Responsible for designing, developing, and implementing automation tools for QA testing of Apple wireless frameworks including:

- Repurposing existing tools to perform CI performance testing against daily builds as well as analyzing and visualizing test results.
- Designing and implementing tools to replace the framework with a more flexible and extensible architecture, which focused on handling and interpreting a variety of test artifacts
- Designing and developing a testing architecture for reliability testing of Apple's HomeKit in a remote lab setting, as well as supporting the team in incorporating both new and previous requirements
- Back-end development of a web-based dashboard for CarPlay performance test results, including database design and developing API routes for interacting with the database
- Front-end development for the CarPlay dashboard: utilizing the existing source as well as re-structuring the source to allow for data set aggregation from multiple teams and implementing additional requested features
- Preliminary evaluation and development for robotic interaction testing, using an Arduino-controlled robotic arm, writing in both gCode and Python



## EDUCATION

### MASTER OF SCIENCE IN SOFTWARE ENGINEERING

Kennesaw State University — August 2017-December 2018 (*anticipated*)

- Software Engineering and Computer Science studies, including coursework on software project planning, with a focus on managing project requirements and high-level systems design, as well as software design principles with a focus on low-level design implementation
- Courses in both Design Patterns and Software Architecture, the final project for which provided the structure for the re-designed CarPlay testing framework
- CS coursework in computer hardware and OS architecture, database design, and data structures

### BACHELOR OF SCIENCE IN PSYCHOLOGY

Rhodes College — August 2004-May 2008



## SKILLS

Python  
Java

**Advanced**

JavaScript/React  
Swift

**Intermediate**

C++  
HTML/CSS  
Objective-C

**Foundational**