

Objective

To experience real-world engineering situations through an internship abroad.

Education

Iowa State University (Bachelor's) CGPA: 3.92/4.00
Expected Graduation: Fall 2016
Primary major: Computer Engineering
Secondary major: German, Languages and Cultures for Professionals

Iowa State University (Master's) CGPA: -/4.00
Expected Graduation: (earliest) Fall 2017
Primary major: Master's of Science in Computer Engineering
Co-major: Information Security

Work Experience

Aachen University, Germany Summer '16

- Research compatibility between HTC Vive and *nix systems
- Integrate HTC Vive with Robot Operating System
- Present in end-of-program symposium (paper & presentation)

Garmin International, Inc Summer '15

- Responsible for product patch application and tracking (C/C++)
- Managed integration of features into new wearable product (C/C++)
- Performed weekly code repository updates (GIT submodules)

Garmin International, Inc Summer '14

- Responsible for restructuring input/output library for avionics displays
- Verified new code and changes to existing code
- Collaborated with teammates to work toward project completion

Iowa State University Summer '13 - Present

- Co-host for programming camp for the gifted Summer '13
- Assistant in computer engineering lab development Summer '13
- Peer-mentor for introductory programming course (C) Fall '13 - Spring '16
- Teaching assistant for digital logic course Fall '14 & Present
- Teaching assistant for embedded systems course (C) Spring '16 - Present

Skills

- Proficient in C/C++, Java, bash/awk/sed, and GNU utilities
- Very knowledgeable with *nix, Windows, and Mac systems/servers
- Knowledge in computer security - in principles and in practice.
- Experienced in public speaking and communication

Activities

- Department of Languages and Cultures ambassador Fall '15 - Spring'16
- Cyber Defence Competition, 1st place Fall '15
- Cyber Defence Competition, Nationals Spring '16