

Richard Cooke III

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RichardCookeIII.com

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Education:

University of Michigan – Ann Arbor

- GPA: 3.6
- BSE in Computer Science Engineering (Expected May 2016)

Relevant Coursework: Computer Security, Database Management, Operating Systems, Multithreaded Programming

Programming Languages: C++/C, Java, JavaScript, HTML, CSS, Objective-C, SQL, Perl

Professional Engineering Experience

Mobile Developer at Boeing 2014-2015

- Developed enterprise navigation app for Boeing employees on Android platform and modified existing iOS code base to add functionality
- Developed Android/Android Wear app for flight crew to improve customer experience
- Implement coding practices later adopted by development team
- Designed backend web-service to supply data to application
- Developed app for Golden-I with Wearable Computing team
- Worked with customers to design new app features

Software Developer at ETAS/Bosch 2013

- Updated software driver to fit industry standard architecture
- Presented new product to international corporate heads
- Automated testing using Perl scripts
- Awarded excellent marks on technical documentation and presentation skills

Engineering Experience:

Webpage Development 2014-2015

- Expanding skills with JavaScript, HTML, CSS, and other front end technologies
- Implementing new front end skills by developing websites for various student groups
- Developed or developing sites for: Personal site, MAAV, UM::Autonomy and Delta Sigma Phi Fraternity

Michigan Autonomous Aerial Vehicles (MAAV) 2012-2013

- Developed Height tracking algorithm
- Worked with team lead on imaging algorithms
- Analyzed existing navigation and computer vision algorithms

Leadership Experience:

Founding Father of Alpha Theta chapter of Delta Sigma Phi Fraternity 2014-2015

- Appointed Alumni Adviser Board as Parent and Alumni Relations Chair
- Advisor to Academic Committee and Standards Board

Appointed Boeing Intern Networking Coordinator for Southern California Region 2014

Coordinated largest Boeing regional technology expo in event history 2014

Volunteer at Humane Society of Huron Valley 2015