

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, Perl, Java, Javascript, HTML, CSS, Objective-C, SQL

Professional Engineering Experience

Mobile Developer and Program Manager at Boeing 2014

- Developed iOS and Android applications for use in manufacturing environment
- Analyzed current mobile platform deployments and possible improvements
- Collected product feedback and metrics later used to improve future implementations
- Developed app for Google-Glass-like technology with Wearable Computing team
- Coordinated regional technology fair
- Worked with customer to develop Critical Knowledge Capture app to aid program shutdown
- Appointed Head Intern Networking Coordinator for Southern California Region

Software Developer at ETAS/Bosch 2013

- Updated software driver to fit industry standard architecture
- Documented all updates and new functionality
- Presented new product to international corporate heads
- Created Perl scripts for automated data updates
- Awarded excellent marks on technical documentation and presentation skills

Engineering Experience:

Webpage Development 2014-2015

- Expanding skills with Javascript, HTML, CSS, and various 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

Remote Control Blimp Competition 2013

- Brought design from concept to fabrication
- Constructed all structures and propulsion system
- Documented each step in design and fabrication process
- Presented design to panel of experts and participated in competition (3rd Place)

Leadership Experience:

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

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