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| JOHN McCORMACK Electrical and Computer Engineer | | Home: Everett, MA  Current: Lakeland, FL  (617) 257 55 86  me@jdmccormack.com |
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| Seeking Jobs in: Internet of Things, Software Defined Radio,Web Development, Robotics, and Embedded Systems | | |
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| Social jdmccormack.com  github.com/jmccormack200  linkedin.com/in/jdmccormack Languages C  C#  Python  Javascript  Assembly  HTML5 and CSS  Erlang Software Linux  Git  GNU Radio  Vagrant  Node.JS  Flask  Unity3D  PostgreSQL  MongoDB  MATLAB  EAGLE Hardware Software Defined Radio  Atmel, TI, ARM Microcontrollers  Oscilloscopes and Logic Analyzers  Spectrum Analyzers  DSP  Raspberry Pi  Arduino  Leap Motion Plus  Oculus Rift | EducationFlorida Polytechnic University Lakeland, FL ▪ Anticipated Graduation May, 2016  Masters of Engineering  4.0 GPA ▪ Inaugural Class University of California, Irvine (Extension) Irvine, CA ▪ 2013-2014  Certificate in Embedded Systems Engineering  3.7 GPA UMASS Lowell Lowell, MA ▪ 2008-2012  B.S. Electrical Engineering  Minor in Sound Recording Technology  Magna Cum Laude Work ExperienceResearch Assistant **Florida Polytechnic University ▪ 2014 to 2016**  My research centers around visualizing and controlling a cognitive radio based wireless sensor network in Unity3D. My current focus is on using GNU Radio and USRP Software Defined Radios to establish the network. Engineer **Tivoli Audio, LLC ▪ 2012 – 2014** I generated both analog and digital designs in addition to prototyping many new products. I spent 15% of my time in China addressing concerns with contract manufacturers. Intern **The MITRE Corporation ▪ Summer 2011** I produced a white paper outlining a plan to allow software based VoIP phones to be integrated into the current Air Force infrastructure without violating security protocols. | |
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