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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/Elixir Software Linux  Git  Vagrant/Virtual Box  Node.JS  Flask  Unity3D  PostgreSQL  MongoDB  GNU Radio  Matlab  EAGLE Hardware Software Defined Radio  Atmel, TI, ARM Microcontrollers  I2C, SPI, UART  Oscilloscopes and Logic Analyzers  Spectrum Analyzers  ADC/DAC/DSP  Raspberry Pi and Arduino  Myo Armband  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 ▪ 2011 – 2012** 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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