

# JOHN MCCORMACK

Electrical and Computer Engineer

Home: Everett, MA  
Current: Lakeland, FL  
(617) 257 55 86  
me@jdmccormack.com

SEEKING JOBS IN: INTERNET OF THINGS, SOFTWARE DEFINED RADIO,  
WEB DEVELOPMENT, ROBOTICS, AND EMBEDDED SYSTEMS

## 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

## EDUCATION

### Florida 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 EXPERIENCE

### Research 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.