John Regner

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A motivated self-stater, active iOS community member, with an eye for quality and the drive to achieve it.

Freelance iOS Developer

Tech: Xcode, XCTest, UIKit, Quartz, Swift, Objective-C, XCUITesting, Git

- Designed and built WorkWeek-Geo from concept through App Store submission.
- Developed iOS Applications entirely in Swift.
- Focused on Unit Testing and Design Patterns to improve code readability and reuse.

Astronautics Corporation of America – Software Verification Engineer

Tech: Linux, bash, python, sed, awk, C, C++, Visual Studio, Cygwin, make

- Automated re-imaging of server and install of testing scripts to reduce testing time
- Designed tests and scripts for verification of a Linux Server and remote terminals
    - Identified requirements which needed new, improved, or modified tests
    - Executed tests and recorded results to ensure correct system performance

MIT Lincoln Lab – R&D Software Development Intern

Tech: C#, Visual Studio, LabView, MATLAB, Simulink

- Designed and built radar user interface
- Developed radar detection sub-components
- Implemented k-means clustering algorithm and associated graph to allow operator to determine approximate number and spacing of other radar systems operating in the same area

Education - Milwaukee School of Engineering (MSOE)

BS in Electrical Engineering - *GPA 3.31 - Dean's List 12/12 Trimesters*

Studied Digital Signal Processing and Embedded Systems

Projects

- WAVE Smart Home Power Monitor - **Tech**: C, C#, SVN, Embedded Systems, Perl, Wireless UART,
- iPhone Audio Effects System - **Tech**: Objective-C, CoreAudio, Debugging
- Autonomous Robot - **Tech**: C, Embedded Systems,
- Array Signal Processing - **Tech**: MATLAB

United States Navy – Aviation Electronics Technician

Tech: Multimeter, O-Scope, Security Clearance

- Analyzed and repaired faults in multiple systems on board the aircraft
- Supervised and delegated tasks to a team of 8 people
- Ensured team morale by being attentive and responsive to each persons strengths and weaknesses

Professional Development

- CocoaConf - Columbus, OH - Aug 2014
- Functional Swift Conference - Brooklyn, NY - Dec 2014
- Advance iOS Big Nerd Ranch - Atlanta, GA - Feb 2015
- RokkinCat Hackathon - Milwaukee, WI - Oct, 2014, Jan, 2015
- NSCoder Milwaukee - Aug, 2014 - July 2015
- Swift Lang User Group - Ongoing
- Santa Clara iOS Connect - Ongoing