

# John Regner

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An expert technologist with an eye for quality and the drive to achieve it. I thrive when my teammates succeed.

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## iOS Developer — 2015–Present

**Work History:** Walmart, Safeway, Tripstr, Spark App Studio

**Tech Fluency:** Swift, Objective-C, git, carthage, ruby, bash, GraphQL, Core Animation, Quartz, svn, Agile

### Team

- Designed and lead trainings: Git workflows, Unit Testing, Object Oriented Design, UIKit, and CA basics
- Established myself as the build environment support to eliminate tech issues for developers
- Introduced and organized efforts to align developer and CI tooling to reduce errors
- Converted Safeway iOS team from SVN to Git for increased flexibility

### Initiative

- Developed and deployed custom Pull Request error reporting in order to shorten developer feedback loop
- Identified need for iPad version on Walmart and built proof of concept to demonstrate for management
- Co-Founder of Spark App Studio

### Author

- Successfully shipped dozens of apps and versions independently and as part of large teams
- Authored feature work used by millions of customers including feature flags and VoiceOver support
- Wrote scripts around Walmart ReactNative wrapper to save developers time
- Used Photos framework along with CoreData and AsyncDisplayKit to engage users

### Workflow

- Ensured regressions were caught early in iterations by adopting XCTest and FBSnapshotTestcase
  - Removed errors from build process with fastlane so multiple build variants could be created
  - Performed an audit of Github Organization permissions to ensure appropriate access
  - Researched and deployed numerous Swift, Xcode, and tooling migrations for a team of 170 developers
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## Organizer & Presenter — Santa Clara iOS Connect 2015–2017

- Taught and mentored beginning and intermediate iOS programmers through meet-ups
- Designed and presented trainings on iOS Unit/UITesting, Git + GitHub, and CoreLocation

## Software QA — Astronautics Corporation of America 2012–2015

**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

## R&D Intern — MIT Lincoln Lab *Summers 2009–2011*

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

- Designed and built radar user interface, and FPGA radar sub components
- Implemented k-means clustering algorithm and associated graph

## Education - MSOE - BS Electrical Engineering 2007–2011

- WAVE Smart Home Power Monitor – Tech: C, C#, SVN, Embedded Systems, Perl, Wireless UART
- iPhone Audio Effects System – Tech: Objective-C, CoreAudio, Debugging

## Aviation Electronics Technician — US Navy 2003–2007

- Supervised and delegated troubleshooting and maintenance tasks to a team of 8 people
  - Analyzed and repaired faults in multiple hardware systems
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## Professional Development

// list all most current to most distant - dates in second column

- C Programming - March 2022
  - DevCamp Hackathon - Best Open Source - San Francisco, Nov 2016
  - Functional Swift Conf - Dec 2014 & Apr 2017
  - Swift Summit - Oct 2015
  - Swift Lang User Group - 2015–2016
  - Santa Clara iOS Connect - 2015–2017
  - Advanced iOS Big Nerd Ranch - Atlanta, GA - Feb 2015
  - RokkinCat Hackathon - Oct 2014 & Jan 2015
  - NSCoder Milwaukee - 2014–2015
  - CocoaConf - Aug 2014
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<https://github.com/regnerjr/regnerjr.github.io>