



# Brett Groshong

Full Stack Application Engineer

619 • 717 • 7558  
norioz@gmail.com  
linkedin.com/in/norioz  
github.com/norioz

**Keywords** React, Redux, Webpack, Angular, Backbone, Marionette, JQuery, HTML5, CSS, Javascript ES6 / ES7, NodeJS, Babbel, Material Design, Android, J2EE, Spring, REST, SOAP, Django, Git, Perforce, Shell, Tomcat, JBoss, Solr, HDFS, WebRTC, RTMP, XMPP, WebGL

## Programming Languages

language	current confidence	last used
javascript	😊 😊 😊 😊 😊	Very often. Currently working on investments app.
Java / C#	😊 😊 😊 😊	Within the last 6 months. Mostly J2EE and Java 8.
C / C++	😊 😊 😊	Haven't used since 2013. I use RUST for systems code.
Python	😊 😊 😊	Often. My preferred scripting and prototype language.

## Experience

### Intuit - QuickBooks

#### Technical Director / Staff Software Engineer

2013 - 2018

- Directed recreation of QuickBooks Online SPA into React based componentized UI with microservice backend.
- Created and developed multiple "incubation" web applications, including: ViewMyPaycheck, SnapPayroll, Every Day Is Payday, and Accountant Quick.
- Helped design and build QuickBooks' next gen. rule driven web UI.

### Basis Technology - Rossette Natural Language Platform

#### Senior Software Engineer

2009 - 2013

- Integrated Basis Rossette NLP with Salesforce chat and document store.
- Created the BT Online, a NLP engine with a stateless REST interface.
- Developed a FST based lemmatizer in Java with perceptron language models for 25 languages.

### Thomson Reuters - Tax Calculation Group

#### Software Engineer

2007 - 2009

- Developed a dynamic point of sale tax calculation back end with a SOAP interface and its associated web application, intended for deploy on intermittently networked POS machines.

### Apple - XCode

#### Software Engineer

2004 - 2007

- Compiler programmer for the Apple Java Team. Solo engineered and built the Apple Java PPC Hotspot JIT compiler.
- SWE on the Apple Automater Team within XCode.

## Education

### Massachusetts Institute of Technology

#### Major - Electrical Engineering Computer Science

- TA for (6.001) S.I.C.P.  
(6.170) Intro Robotics Lab  
(1.00) Java for Engineering
- 5-year Masters program
- Co-op at MIT Media Lab  
*no degree*

### Emerson College

#### Major - Creative Writing Computer Graphics and Animation

- Helped create and run Emerson 3D graphics lab (Softimage).  
*no degree*