

# Will Barrett, Senior Software Engineer

**Goal:** Have a new adventure. Change the world. Learn and grow. Have some fun doing it.

**Contact:** hi@willbarrett.me, 410-218-7957

## Professional Experience

### **Senior Software Engineer, Change.org, February 2016-Present**

After less than two months was made a Team Leader and joined the company's Technical Leadership Group. After another month was granted management responsibilities over a team of 5 engineers. Created a system to allow zero-downtime migrations of large MySQL tables. Improved the technical foundation for authorization code by creating a polymorphic roles system. Reworked the organization's onboarding process for new engineers. Rearchitected the discovery feed to be more extensible.

### **Software Developer, Sqwiggle (sqwiggle.com), Speak (speak.io), April 2014-December 2015**

Employee #8 at Sqwiggle, #4 at Speak after the pivot/downsize (January 2015). Worked heavily on both applications, and was part of re-architecting the system during the pivot, moving from a monolithic Rails application to a microservice architecture.

### **Associate Instructor, Starter School, February-March 2014**

Taught "DevOps". We covered server configuration and automated deployment of Ruby on Rails web applications.

### **Senior Software Engineer, Rouxbe Video Technologies (rouxbe.com), June 2013-March 2014**

Worked as part of a remote team of three developers. Successfully deployed a live classroom feature in a technical debt-riddled system on a short timeline. Greatly expanded test coverage of the existing system. Created a provisioning system allowing for fast scaling.

### **Principal Consultant, Tall Green Tree Inc. June 2011-June 2013**

Started and grew a consulting practice primarily catering to startups. Built MVPs for startups in Chicago, San Francisco, and elsewhere. Expanded to employ myself, one other FTE and multiple sub-contractors. **Projects:** Rentalutions.com, VentureMena.com, Byliner.com, DashScribe.com, VisitorLabs.com, TOS.io, bluebuzzard.com, pressedgarments.com

### **Advertising Industry Work, August 2008-June 2011**

Cut my teeth as a programmer on the Got Milk? campaign in 2008 at Weber Shandwick as an intern. Spent time as a freelancer and as a full-time employee of Schafer Condon Carter in Chicago. Worked on web projects for multiple large corporations including McDonalds, Jim Beam, and Armor Eckrich. Improved development and deployment practices at Schafer Condon Carter substantially, saving the company from the loss of multiple clients and eliminating the need to grow the size of the team.

## Key Skills

Programming Education/Mentorship, Project Estimation, Ruby, Rails, Google Go, JavaScript, TDD/BDD, Relational and Non-Relational Databases, Distributed Systems, Deployment Practices, Provisioning Systems

## Education

### **B.Mus. Cello Performance, Peabody Institute of Music, 2007**

Studied classical Cello performance under Alan Stepansky, former principle cellist of the New York Philharmonic.