

Bobby Schwalbe

Maui, HI

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Technical Skills

- Extensive experience with Scala, Java, and JavaScript.
- Proficient in SQL, Git, Lift, Akka, AJAX, COMET, HTML, CSS, PHP, JPA, Linux, Vim, Netbeans IDE, and IntelliJ IDEA.
- Experience with Go, Node.js, React, Voldemort, JProfiler, Python, NGINX, C#, Objective C, iOS, Android.

Work Experience

Software Engineer

2013 – present

Golden Frog, Austin, TX

- Developed and maintained the website backend, database, billing / payment processing, and build system using MySQL, JPA, Liquibase, Scala, Lift, Akka, Scalatra, Specs, Jetty, cron, and NGINX.
- Created and maintained intranet tools and data syncing scripts for the customer support and marketing teams, and http rest APIs for the mobile and desktop apps.

Software Engineer

2007 – 2013

Alelo Inc., Marina del Rey, CA

- Developed and maintained proprietary authoring tools for building instructional social simulations including a java web start tool for modeling human dialog with a 2D visual graph.
- Developed a Scala build tool to convert dialog models into a finite state machines and generate mp4 videos using ffmpeg, variable length voice actor audio, and character animations.

Web Developer

2008 – present

ofmath.com

- Developing educational tools for K-12 math.

Web Developer

1999 – present

xtremeskater.com

- Created the #1 site for free skate ramp plans on Google, with 10s of millions of page views and thousands of user sign ups.

Web Developer

2005 – 2007

caniwin.com

- Created various hold'em poker odds calculators.

Education

University Of Southern California, Los Angeles, CA

2004 – 2008

Bachelor of Science Degree in Mathematics

3.8 GPA

- Awards include Dean's list all semesters, a Trojan scholarship award for 4 years, an Air Force ROTC scholarship for one semester, and a tuition-exchange scholarship (75% of tuition) for 4 years.