

Paul A. Brower

Email: brower.paul@gmail.com - Phone: 401-465-0750

Writing

Android: <http://responsiveandroid.com> , Blockchain: <http://paulbrower.codes>

Code

<http://github.com/browep>

Professional Experience

Mobiquity (Summer '11 - Present) - Principal Android Developer

- Led the Android team responsible for the first mobile app approved by the FDA as a medical device (<https://www.mobiquityinc.com/blog/mobiquity-digital-medicine-system>)
- Developed and maintained Android applications for multiple enterprise level clients including Weight Watchers Intl., New York Post, ITTTech and Medavie Blue Cross
- Implemented Android components from back-end data persistence to front-end graphics
- Managed multiple teams of 3-5 junior and mid-level engineers spread across the Americas
- Conceived and curated multiple open-source libraries handling networking and reusable widgets

Springpad (Fall '08 - Spring '11) - Software Engineer

- Designed, implemented and maintained critical components of a large consumer-facing website and mobile applications using Java, Javascript and Python
- Utilized Android, J2EE technologies, Tomcat, GWT, Spring, Hibernate, Cassandra, and MySQL on a daily basis
- Integrated Facebook, Twitter and Google API's, Microformat and Microdata support, and OAuth/OpenID systems
- Worked with 4-6 engineers using Scrum and agile methodologies in a fast-paced startup environment

Fitvity Inc (Spring '11) - Consultant

- Advised alpha-stage startup on system architecture and business decisions
- Coached founders on how to set product milestones, use agile methods and reach out to early adopters
- Architected Android application and proof of concept including work on the UI, UX and data model
- Taught developers how to use version control systems, work with cloud based services and utilize issue tracking systems

Pegasystems (Spring '06 - Spring '08) - Software Engineer

- Designed, implemented and maintained components core to a business process

management system using Java, Javascript, HTML, CSS and technologies such as J2EE, Tomcat, Webshere, Weblogic, Oracle Databases and Pegasystems proprietary technologies

- Developed components were used in the testing of business rules and processes for errors, corner cases, and defects. These rules and processes were then used to govern mission critical operations such as credit card processing, healthcare claims and bank transactions for multi-billion dollar companies.
- Mentored and oversaw junior programmers and interns in various company projects

UBS Investment Bank (Summer '05) - Software Engineer Intern

- Implemented and maintained code on a real-time trading application that was responsible for billions of dollars in transactions on a daily basis using C++ on Red Hat Linux
- Designed and created system for testing proprietary trading applications against particular stock exchanges, such as the London Stock Exchange and NYSE.
- Designed and shipped Microsoft Excel/VB program that visually maps stock exchange compatibility information

Education

Harvard Extension School (Fall '06 - Spring '07)

- Completed courses in Distributed Programming and in Network Design

Rensselaer Polytechnic Institute (Fall '02 - Spring '06)

- Bachelor of Science in Computer Science
- Bachelor of Science in Psychology
- Graduated with Honors

Tiverton High School (Fall '98 - Spring '02)

- Top-ranked Science and Math student

Languages

Java (12 years)

Kotlin (2 years)

Python (2 years)

Javascript (3 years)

HTML/CSS (3 years)

SQL (5 years)

Ruby (2 years)

C/C++ (2 years)

Go (1 year)

NodeJs (1 year)

Technologies

Android

Rails

Linux/Unix

AWS

Git

SVN

Spring Framework

IntelliJ/Rubymine/PyCharm

Heroku

J2EE

Maven

Solr

Cassandra

Memcache

AWS/S3/EC2

JSON/XML

Microdata/Microformats

OAuth/OpenID

Facebook API

Twitter API

Spring/Hibernate

Gradle

Accolades, Awards and Leadership

President, Phi Gamma Delta Fraternity

Dean's List (8 Semesters)

Rensselaer Medal (Awarded to top science student)

Bausch and Lomb Award (Awarded to top science student)

High School Chemistry Award

High School Physics Award

National Honor Society

Rhode Island Honor Society

All-State Scholar Athlete Team