

Education

University of California – Berkeley

2010 – 2014

- BS in Electrical Engineering and Computer Science with an emphasis on Computer Science.
 - Minor in Mathematics.
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Experience

PayPal, San Francisco, CA

Software Engineer, Integrations

May 2014 - Present

- Implemented Restful API for event mapping, freeing up on average 6 stories per sprint from developers and reduced average TTF by 6 days.
- Built a distributed microservice for ETA allowing for dynamic configuration of ETA schedules as well as being able to generate ETA on the fly.
- Wrote NodeJS + ExpressJS applications for API's for demonstration.
- Wrote SOAP/REST/File based clients for 9 different partners and 8 new countries, including Pakistan (6th highest traffic country).
- Created webclients for some APIs which could be distributed to the partner for testing purposes.
- Implemented OAuth 2.0 resource servers and clients as well as caching for tokens.
- Handled numerous issues involving OpenSSL i.e.SSLHandshake exceptions etc.
- Helped banks debug issues with their APIs and connectivity, thereby allowing us to successfully send money to partners.
- Refactored legacy regression tests as well as implemented several mock services that could dynamically change the response types for based on what a user specifies.
- Designed a rest interface for a distributed worker that would allow users to invoke partner APIs without having to go through a standard send-money flow

Instinet INC., San Francisco CA

Software Intern, Internal tools

Summer 2013

- Produced feature so users can upload their own files rather than making requests to developers
- Added basic authentication with salted and hashed passwords to internal website.
- Maintained the internal website including managing deployment as well as adding admin pages for certain pages so that users who are authorities can edit pages dynamically.
- Refactored some existing JSP pages into PHP.
- Added email announcements so that subscribers can listen on files posted to announcement page.

Siemens Ultrasound, Mountain View CA

Software Intern

Summer 2012

- Wrote test suite in Python to test Ultrasound Machines.
- Built a simple API using UDP to interface with FPGA's on Ultrasound machines allowing users to control the aperture size and signal frequency for diagnostics.
- Refactored existing C++ tests to Python tests so that there was a single testing interface.

Interview Scheduler, Berkeley, CA

Student

Fall 2013

- Designed and implemented the Calendar part of the application using CalendarJS and RoR which allowed users to schedule interviews as well as prevent users from scheduling interviews if there were conflicts.
 - Managed unit testing and code coverage required for testing specifications.
 - Implemented Automated Test Suite using Selenium.
 - Wrote Profile page so that users can create profiles and store pictures / resumes
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Skills

- **Web Frameworks:** Spring MVC, Ruby on Rails, Express + NodeJS, Django
- **Programming Languages:** Java, Ruby, Python, SQL, Javascript, XML, HTML, Lisp, Groovy, C/C++, Scala, Go
- **Other:** MySQL, Splunk, Docker, Git, Zookeeper, OpenSSL, Redis, RabbitMQ, SVN, Jenkins, Maven, Gradle, Android