

MARK SCHEID

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EDUCATION & TRAINING

Drexel University

Bachelor of the Arts in Computer Science

Philadelphia, PA

Graduated June 2014

- ◆ GPA: 3.4 in major, 3.1 cumulative
- ◆ Concentrations in *Algorithms & Data Structures* and *Human-Computer Interaction*
- ◆ Studies include data structures, Object-Oriented design patterns, & Unix systems

Bachelor of the Arts in International Area Studies

Graduated March 2010

- ◆ A thesis-based degree with a concentration in Chinese Literature, Culture, and the Arts

Technical Skills and Experience

Software and Systems

Linux/UNIX OS
Mac OSX
Windows OS
Adobe Creative Suite
Git version control

Languages

Python
Ruby
Javascript
Java
C++

Additional

Programming Team Leadership
Technical writing & documentation
SQL databases
Behavior & Test Driven Design
Mandarin Chinese, Intermediate

PROFESSIONAL EXPERIENCE

eLocal USA

Software Developer Co-op

Conshohocken, PA

April to September 2013

- Developed and maintained a large-scale web application (Ruby on Rails), which handled internal reporting, scheduling, and customer support functionality, as well as serving the public website.
- Worked to reduce customer service burden and increase revenues by developing a prototype automated phone system to connect customers to paid clients and external partners(Twilio API).
- Developed a tool to protect against the loss of more than 25% of daily traffic by testing new website versions against all common browsers (Cucumber and Watir-webdriver).
- Prepared an automated tool to seamlessly upgrade all eLocal servers to the latest versions of Postgresql and PostGIS with minimal downtime (Opscode Chef and Vagrant).
- Implemented an internal testimonial tool, which allowed administrators to add customer feedback to websites. The tool automatically cycled displayed text in each category and scaled to suit layout.

Drexel University

Senior Design Team leader

Philadelphia, PA

September 2013 to July 2014

- Recruited and led a team of students to develop a web application of my own design, creating a product to improve the productivity, efficiency and collaboration of developers(Ruby on Rails).
- Application unifies the developer work-flow, from brainstorming and research to task management and Git history, into a single interface to minimize costs of project administration.
- Set and managed internal goals, delegating tasks and deliverables to team-mates in an agile development environment, modeled after Scrum.
- Designed and implemented core architecture for over 25 interacting models, establishing database design (Postgresql) and core programming logic for main application functionality.
- Awarded Second Place in the Drexel University Senior Design Competition for Computer Science, as judged by a panel of industry veterans from local technology firms.