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Objective Pursuing a development role in python-automation, full-stack web development or UI/UX mobile engineering

Experience

CK-12

Palo Alto, CA
Software Engineer
2010-2014

Built several learning and administration tools to enhance the company's catalog of services. This included crafting: an Android Application, a design portfolio for their iOS platform, a suite of Admin tools for their content team, and several patches for their website.

Skills used: Obj-C, Javascript, Jinja, Adobe Flash, Eclipse, Git, JSON, Java

Simple Hack: I used Flash applets on Java to speed up gameplay on the Android application I built.

Piqua Inc.

Austin, TX
UI/UX & Web Engineer
2015

Using UC Berkeley's CS 160 Interface design class, I designed and built a web & mobile interface for a third party chat client. Built a fully functioning web based chat client that synchronized on mobile - written with custom backend schemas.

Skills used: Yeoman Scaffolding, AngularJS, AngularFire, Firebase, Django, Sketch

Simple Hack: I flattened my schemas using matrices and hash tables. It made message load times twice as fast.

Dojo

Saratoga, CA
Co-Founder, UI/UX & Web Engineer
2014-2015

Developed a social-network for the Web. Location based content-curation decked with user profiles, group-views and a real-time newsfeed.

300+ installs, at peak: 10 to 15 active users, 40+ posts a day (now open sourced)

Skills used: HTML/CSS, Javascript, AWS RESTful APIs, Django, Python, Heroku, Git

Simple Hack: Used Python's BeautifulSoup library to scrape college coordinates and auto-generate content on all college campuses around the world

Education

Class of 2014, Saratoga High School
(2nd year) Pursuing BS in Computer Science at the **University of California, Davis**

Courses

ECS 60 (C++, Data Structures)
ECS 40 (C++, Objected Oriented Programming)
ECS 30 (C, Intro to Programming)
ECS 50 (Machine Language)
ECS 20 (Discrete Mathematics)
MAT 22A (Linear Algebra and MatLab)
ECS 99 (Webstack, Selfstudy)

Awards

Eagle Scout, Boy Scouts of America Troop 581
Senior Troop Leader of Troop 581
iOS Club Officer at Saratoga High School's Developers Club