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**MINU PALANIAPPAN** minupalaniappan.com

**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 Beautiful-soup library to scrape college coordinates and auto-generate content on all 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