

Davis, CA 95616
408.876.0493
mspal@ucdavis.edu

MINU PALANIAPPAN minupalaniappan.com

Experience

ucdiscourse.com, Davis, CA. Founder

July 2015 - Present

- Developed a course-search engine and automated counseling platform for the UC Davis student body
- Front-end written on Flask, and data served with a handwritten PostgreSQL database.
- Interactive features powered by Javascript and SASS; website deployable to desktop and mobile ports
- 20,000 page visits, 400+ active users per month; 50% of visitors are returning, 34% bounce rate

bitglass.com, Campbell, CA. Incoming Software Engineering Intern

June 2016 - Present

ck12.org, Palo Alto, CA. Software Engineering Intern

June 2010 - June 2014

- Developed a Java-based Android application to gamify education content.
- Developed multi-threading handlers for asynchronous API calls.
- Built flash-applets to speed up the interactivity of the application.
- Worked with virtualenvs to develop administration-tools.
- Front-end developed on JQuery, Angular, and Jinja.
- Interfaced with Java backend architectures to write and save data.
- Designed an iOS portfolio for the CK12 mobile application using Photoshop, Pixelmator & Flask.

xiq.ai, Cupertino, CA. Software Engineer

October 2015 - February 2016

- Architected a MongoDB natural language processing layer using the IBM Bluemix platform
- Tokenized contents of articles with IBM Watson Python wrapper; served JSON on relational & emotional data.
- Worked with Django to develop intelligence tools for Workbench (paid consumer content aggregator)
- Designed several Crunchbase API calls to map and contextualize XiQ databases
- Involved with one of few teams to partner with the IBM intelligence team

Projects (github.com/minupalaniappan)

Dojo, Saratoga, CA

June 2014 - February 2016

- Location based content-curation decked with user profiles, group-views and a real-time newsfeed
- Server side code developed with PHP, hosted on Amazon's AWS
- Product developed on both iOS and web platforms
- Platform architected on Python's Django web-framework; AngularJS provided real-time effect
- Pitched to Foundation Capital, Palo-based Venture Capital firm
- Launched in the University of California, Davis (300+ installs, 10 to 15 active users, 40+ posts a day)
- Web App: <https://github.com/minupalaniappan/dojowebv2>
- APIs: <https://github.com/mikezucc/dojo-site-api>

Wolfio, Davis CA

- Developed an SMS interface to compute any mathematical query
- Requests handled by Twilio API, computations queried through self-developed Wolfram Alpha functions
- Web-application scaled through Flask (Python Web framework)
- Web App: <https://github.com/minupalaniappan/Wolfio>

Education

The University of California, Davis, CA. (B.S. Computer Science)

Class of 2018

