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MINU PALANIAPPAN minupalaniappan.com

Experience

bitglass.com, Campbell, CA. Incoming Software Engineering Intern   June 2016

ucdiscourse.com, Davis, CA. Co-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 database written in PSQL (Postgres).
- Interactive features powered by Javascript and SASS; website deployable to desktop and mobile ports
- 20,000 page visits, 600+ active users per month; 50% of visitors are returning, 34% bounce rate

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.
- Designed an iOS portfolio for the CK12 mobile application using Photoshop, Pixelmator & Flask.

xiq.ai, Cupertino, CA. Software Engineer   October 2015 - February 2016
- Tokenized contents of articles with the 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 partnered with the IBM intelligence team

Projects (github.com/minupalaniappan)

Shape Language, Davis, CA. (1st place at HackDavis 2016)   May 2016
- Best use of Synaptic Touch Hardware
- Used OpenCV and Javascript to build a shape detection algorithm on the TouchPad
- Draw shapes and the program will vocalize the shape's name
- App: https://github.com/minupalaniappan/ShapeLanguage/tree/master/syna_sensor/python

Dojo, Saratoga, CA.   June 2014 - February 2016
- Location based content-curation decked with user profiles, group-views and a real-time newsfeed
- Product developed on both iOS and the web
- Platform built on Python's Django web-framework; AngularJS provided real-time effect
- Pitched to Foundation Capital, Palo Alto 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.   November 2015
- 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