

Dylan Tran

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

EXPECTED: MAY 2022

BA IN COMPUTER SCIENCE

GPA: 3.96 / 4.00

- Relevant Coursework: Algorithms (current), Artificial Intelligence (current), Data Structures, Machine Structures, Discrete Math and Probability Theory, (Coursera) Machine Learning, (edX) Blockchain Technology

EXPERIENCE

WILDFIRE (YC S17) | SOFTWARE ENGINEERING INTERN

JUN 2019 – AUG 2019

San Francisco, CA

- Worked full-stack w/ Swift, Objective-C, Java, Node.js to build a "create post" popup on iOS that significantly reduces friction for posting, increasing user activity at less active colleges
- Built a geotagging feature for posts on Android using Google Places API, increasing content quality at over 250 colleges.
- Trained a transfer learning NLP model to detect toxicity and harassment in comments achieving 87% accuracy (FastAI/PyTorch/PostgreSQL).
- Wrote web scraping scripts with Python/Selenium to gather marketing information on colleges.

UC BERKELEY EECS DEPARTMENT | COURSE TUTOR

FEB 2019 – PRESENT

Berkeley, CA

- Teaching two weekly small group tutoring sessions and staffing office hours for the Data Structures course
- Helping students understand various data structures, algorithms, and other concepts such as big O, trees, sorts, and graphs. (Spring 2019: Academic Intern)

BLOCKCHAIN AT BERKELEY | SOFTWARE DEVELOPER

FEB 2019 – PRESENT

Berkeley, CA

- Worked as a developer with business consultants and designers to build a new streamlined blockchain-based publishing system for research papers (Web3.js, React, Solidity).
- Developed smart contracts for an internal cryptocurrency and managing payment, reviews, and documentation of progress.

PROJECTS

CANDIDATE TRACKER

FEB 2019 - MAY 2019

HTML, CSS, Javascript, Firebase

- Worked on the publicity committee to build a requirement tracking application for over 100 UPE (CS Honor Society) candidates to replace the spreadsheet, streamlining the process of checking into events and updating records.

POTHOLE DETECTION | LAHACKS

MAR 2019

Python, JavaScript, Swift, Firebase, Tensorflow

- iOS app that uses deep learning to detect and report potholes. Crowdsourced images and locations are used to visualize damage and plan infrastructure improvements.

UP 2 DATE | TREEHACKS

FEB 2019

Javascript, Django, Bing Search API, AWS, Firebase

- Chrome extension for multi-source news subscription to user-generated topics, featuring email updates and breaking news classification.

SKILLS

Languages:

(Proficient): Python, Java, C, \LaTeX
(Familiar): Go, Objective-C, Swift, Solidity,
CSS, HTML, SQL, JavaScript

Technologies:

Selenium, Git, Firebase, Pandas, React

AWARDS

USA COMPUTING OLYMPIAD GOLD DIVISION | MARCH 2018

Evaluation of problem solving and creativity in solving a set of difficult and lengthy programming challenges. Used to select participants for the IOI

EAGLE SCOUT | Nov 2017

Highest rank in the Boy Scouts of America