Dylan Tran

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY   Expected: May 2022
BA in Computer Science
GPA: 3.96 / 4.00

- Coursework: Algorithms*, Artificial Intelligence*, Data Structures, Machine Structures, Discrete Math and Probability Theory (* current coursework)
- Online Coursework: Machine Learning, Blockchain Technology

EXPERIENCE

WILDFIRE (YC S17) | Software Engineering Intern   Jun 2019 – Aug 2019
San Francisco, CA

- Worked full-stack w/ iOS, Android, Node.js to build a "create post" popup that significantly reduces friction for posting, increasing user activity at less active colleges
- Built a geotagging feature for posts on Android using Google Maps 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 college-specific marketing information.

UC BERKELEY EECS DEPARTMENT | Course Tutor   Feb 2019 – Present
Berkeley, CA

- Providing support and tutoring to students in the Data Structures course, helping them understand various data structures, algorithms, and other important concepts such as runtime analysis, trees, sorts, and graphs. (Spring 2019: Academic Intern)

BLOCKCHAIN AT BERKELEY | Software Developer   Feb 2019 – Present
Berkeley, CA

- Worked in a team of business consultants, developers, and designers to build a new blockchain-based publishing system for research papers (Web3.js, React, Solidity).
- Developed smart contracts for Ethereum to manage payment, reviews, and documentation of progress.

SKILLS

LANGUAGES
Proficient:
Python • Java • C • LaTeX
Familiar:
Go • Objective-C • Swift • Solidity • CSS • HTML • SQL • Javascript

TECHNOLOGIES
Selenium • Git • AWS • Firebase • PyTorch • Tensorflow • 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.

EAGLE SCOUT | Nov 2017
Highest rank in the Boy Scouts of America

PROJECTS

CANDIDATE TRACKER   Feb 2019 - May 2019
HTML, CSS, Javascript

- Built a requirement tracking system 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, using the crowdsourced images and locations to visualize damage.

UP 2 DATE | TreeHacks   Feb 2019
Javascript, Django, Bing Search API, AWS, Firebase

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

ALEXA SKILLS   NOV 2017 - JUNE 2018
Node.js, AWS Lambda

- Published 2 skills to the Amazon Alexa skills store, gaining over 1000 users.