Dylan Feng

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University Of California, Berkeley
Intended B.A. Computer Science
Github: https://github.com/Dylan102938

About Me

Technical Skills	C#/C++, Python, Java, Javascript, PHP, Angular, NodeJS, Flask, Unix/Linux
Analytics	IPython, Excel, SQL, MatLab, Numpy, Pandas, Scikit-Learn
Art Technology	Photoshop, Indesign, HTML/CSS/Javascript
Interests	Web Development/Design, Algorithmic Trading, Swimming, Basketball

Experience

Cisco Systems **June 2021 - Aug 2021**

Software Engineering Intern - AppDynamics

- Received Summer 2021 offer from Cisco to work as a software engineering intern with their AppD division

Fiverr/Upwork **May 2020 - July 2020**

Full-Stack Developer/Freelancer

- Employed full-stack web development in LAMP + Python and MEAN in 30 jobs for small businesses to earn over 6000 dollars in revenue in three months
- Earned over 2000 dollars in revenue creating automation scripts in Python
- Communicated with customers to understand needs and efficiently deliver final product (overall 4.9/5 rating)

BitWise Academy **May 2019 - Aug 2019**

Software Engineering Intern

- Developed educational software used by students
- Helped modify/maintain company API which is now used daily by 500+ students/engineers
- Worked in development teams and communicated with senior engineers over numerous projects dealing with site infrastructure and design

Education

University of California, Berkeley **2020 - Present**

- Intended B.A. Computer Science
- GPA: 4.0, Major GPA: 4.0
- Courses: Efficient Algorithms and Intractable Problems, Intro. to Database Systems, Computer Architecture, Structure/Interpretation of Computer Programs, Data Structures, Disc. Math and Prob. Theory

Mission San Jose High School **2016 - 2020**

- GPA: 3.97/4.0 (unweighted)
- Courses: Multivariable Calculus, Linear Algebra (concurrent enrollment at Ohlone Community College)
- Honors/Awards: National AP Scholar, DECA International Business Plan International Finalist, DECA President, Atoms and Bits Best Desktop/Mobile App, OmniHacks (MLH) Top 8 Finalist, USACO Silver

Personal Projects

Vector Pose Analysis in Video Playback **February 2020**

- Built deep-learning model based off CMU's OpenPose project to track human poses
- Created Python library to track and analyze similarities in fluid motions using vector math and error analysis

Twitter Sentiment Analysis Webapp/API **March 2018, May 2020**

- Twitter webapp that scrapes Twitter for tweets containing keywords and uses VADER natural language processing to understand relative sentiment surrounding topics
- (Later) Implemented directly callable API for the purposes of research on how sentiment affected stock market performance

HomeFetch Company Website **August 2020**

- Developed Airbnb style site for lodging company in Spain (30 employees)
- Designed with MEAN Stack
- Compressed and stored images on Cloudinary to increase scalability