

Kyle Tran

Kyle Tran
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Objective

College student looking for a start-up company, where I can apply my knowledge of Flutter, Swift, Firebase, Machine Learning, Computer Vision, TensorFlow, OpenCV, and Python to develop impactful projects in a fast-paced culture.

Experience

Jooby/Co-Founder
JANUARY 2022 -PRESENT, IRVINE, CA

- Swift Application for matching recruiters and job seekers based on their personality and interests
- Using Swift and Firebase

University of California, Irvine/Undergrad Research Assistant
JULY 2020 - PRESENT, IRVINE, CA

- Conduct Data Analysis and Machine Learning on student data
- Discuss findings to Ph.D. candidates and recommend research topics based on results
- Learn and conduct research about the effects of social interactions and personalities
- NLP and CNN models to transform student learning experiences

Yab/Founder
SEPTEMBER 2021 -JANUARY 2022, IRVINE, CA

- Application for students to aid with small jobs for the community for payment
- Used Flutter, Firebase, Stripe Payments
- Developed in a fast-paced environment to deploy application through Apple Testflight

Federal Student Aid IDEA LAB/Internship
AUGUST 2020 - MARCH, SAN JOSE, CA

- Research projects that change the future of paying for college
- Create solutions that allows FAFSA to provide more financial aid
- Code FAFSA apps and website to make them more interactive and informative using HTML/CSS

West Coast Aquatics/Swimming Instructor
MAY 2018 - AUGUST 2018, SAN JOSE, CA

- Maintain a professional attitude with students and parents
- Work with other instructors in teaching
- Evaluate students, submit report cards, skills sheets, and attendance information on time
- Communicate effectively with the lifeguards on duty and act as a team in an emergency

Education

University of California, Irvine/Software Engineering, B.S.

OCTOBER 2020 - SEPTEMBER 2024

- GPA: 3.9 - Dean's Honor List
- Dual emphasis on the principles of both statistics and computer science
- Algorithms, Data Structures, Data Management, and Machine Learning
- Use computing principles to solve real-world data analysis problems

IBM Data Science/ Data Science Professional Certification by Coursera

MAY 2019 - SEPTEMBER 2019

- Applied Data Science Capstone
- Machine Learning Algorithms
- Python for AI
- SQL

Evergreen Valley High School

AUGUST 2016 - JUNE 2020, SAN JOSE, CA

- GPA: 3.96/4.0
- Relevant Coursework: Computer Science, Computer Tech, Physics
- Clubs: French Club, Interact, Polynesian, Tennis, Water Polo, Volleyball

Individual Projects

Detecting COVID-19 using Machine Learning and Data Augmentation/ Machine Learning Project

APRIL 2020

- Used Data Augmentation to simulate X-ray images
- Applied a Convolutional Neural Network to give a confidence rating of predicting diagnosis for COVID-19
- Used Google Cloud Platform to train models

Economic Recession in 2019?/Data Science Research Project

SEPTEMBER 2019

- Extracted, cleaned, and Wrangled Data from government data in Macroeconomics-Inconsistent/ Null values apparent in older dates workaround
- Used ARIMA forecasting model to project signs-tuning parameter
- Gathered GDP, Recession months, 2 year and 10 year bond yields over past 50 years

Theaters in the San Francisco Bay Area/Data Science Research Project

MAY 2019 - SEPTEMBER 2019

- Extracted, cleaned, and Wrangled Data from online websites
- Used different APIs to find location and coordinates spanning across the Bay Area
- Analyzed venues using the Foursquare API
- Used Machine Learning algorithms to determine which counties were recommended for new businesses

Medicine Buddy/Engineering

MAY 2018 - SEPTEMBER 2018

- 3D printed models to dispense medication based on timings
 - Designed for elderly who struggle with memory issues
 - Used Lego mindstorm as prototype for mechanics
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Skills/Activities

- Co-Founded Volleyball Club and helped start Boy's Volleyball Team
- Water Polo League Champions/ MVP/ Captain
- 3x BVAL and MHAL Tennis Champion
- Machine Learning, Computer Vision, TensorFlow, OpenCV, and Python, React, MongoDB, Firebase, Swift, Flutter