**Summary**

Computer Science student pursuing a Bachelor's Degree at UC Irvine seeking a Software Engineering Internship. Fluent in Python and eager to expand skill set in any situation. Experience with Machine Learning and interested in designing new models to predict or classify data. Valedictorian in High School and made Dean's List for three quarters at UC Irvine.

**Skills**

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| --- | --- | --- |
| LANGUAGES   * Python * C++ * Java | HARD SKILLS   * Machine Learning * Web Development * Coding | SOFT SKILLS   * Collaboration * Communication * Creative Thinking |

**Work Experience**

Instructor, TechKnowHow Inc., Foster City, CA, June 2019 - Aug 2019

* Lead and Assistant Instructor for Java, Python, and Advanced Python Classes.
* Taught students with no coding experience fundamentals of programming with Tkinter and Processing libraries. Students finished camp with ability to code their own games.

**Education**

University of California, Irvine

B.S., Computer Science, 2022

* GPA: 4.0
* Coursework in Python and C++ Programming, Software Engineering, Linear Algebra and Statistics.
* Member of AppDev Club and AI at UCI

**Projects**

Twitter Sentiment App

* Android App that returns the average sentiment of the latest 100 tweets on a given topic.
* Trained a Sentiment Analysis Model on Kaggle's Rotten Tomatoes Movie Review Dataset in Python, and deployed model onto API.
* Tensorflow and Keras used to create Recurrent Neural Network model. NLTK used to preprocess data. Used Flask-RESTful to deploy model and React Native to create the app.

ReclaimEarth, CitrusHack

* Crowdsourcing website that lets users ping locations with a lot of litter on Google Maps.
* Part of team of three to implement the Google Maps API and Firebase databases.
* Used Python and Flask to build web app, and JavaScript for database implementation.

Fruits Classifier

* A Machine Learning model deployed onto an API that classifies images as fruits.
* Trained a Convolutional Neural Network model from Kaggle's Fruits-360 Dataset in Python to reach 97% accuracy.
* Used OpenCV and NumPy to prepare images, and Tensorflow and Keras to construct the model. Deployed model into an API using Flask-RESTful.