Kimi Holsapple

Email: kimiholsapple@gmail.com | 310 621 9259 | Linkedin: linkedin/in/kimi-holsapple/ | Github: KimiHolsapple

EDUCATION

University of California, Santa Cruz *September 2018 - June 2022*

- Bachelor of Arts Computer Science and Bachelor of Arts Economics/Math combined

EXPERIENCE

Industrial Enterprise Solutions (IES) *February 2021 - Present*

Intern

- Worked underneath a mentor to identify SaaS for companies and to connect Tawainese companies with solutions in the bay area.
- Required working ability to listen and speak in Mandarin Chinese and understand technology trends in industry.

Information Systems Management Association (ISMA) *October 2020 - March 2021*

Operations Officer

- Team member and Project Manager on Application team developing web based application using Firebase, Python, HTML/CSS
- Originally Financial Chair Intern helping coordinate fundraising events and manage club finances

UCSC Learning Support Services *January 2021 - March 2021*

Intermediate Microeconomics Small Group Tutor

- Using a strong base understanding of microeconomic (consumer) theory, acted as tutor for 10+ students to guide them to mastery and success in the economic core class Econ 100 A. Worked 7 hours a week maintaining organized notes and providing prompt and active support for students. Requires strong interpersonal and leadership skills.

PROJECTS

- **Fake Image Detection in Python:** (Current) Working on using Convolution Neural Networks to detect fake images and highlight unnatural areas of photos using TensorFlow in Python.
- **Flutter/Dart Wellbeing application:** (Current) Working on Android app in flutter and dart with Firebase backend to store user data and allow users to practice meditation journaling for wellbeing awareness.
- **Coastal Swash analysis in python:** (Current) Utilize OpenCV, NumPy and Pillow library to create vector and scalar visualizations to analyze Santa Cruz Coastal areas for swash zones and sediment movement.
- **Page Frame Allocation Scheduler in C:** Created page allocation scheduler to implement Round Robin, FCFS, LFU and LRU scheduling algorithms.
- **Customer Churn Prediction:** Performed exploratory data analysis on large data sets in order to predict customer churn using K-nearest neighbor classification techniques.
- **Portfolio Web-App Template:** Built my own personal website
- **C++ Recursion Algorithm:** Built simple algorithms to search for prime numbers in arrays to display recursion, memory allocation, and time/space complexity.

OTHER

Skills	Stata, C++, C, Javascript, Python, CSS, HTML5, Flutter, Dart, AndroidStudio, Assembly, Java, Perl, LaTex, WebGL, NumPy, SQL, Git, TensorFlow, Keras
Coursework	System Design, Data Mining, Industrial Math, Analysis of Algorithms, Introduction Software Engineering, Computer Graphics, Computer Visualization (AR/VR), Computational Theory, Data Structures & Sorting Algorithms, Assembly, Discrete Math, Probability Theory, OOP, Bayesian Inference, Data Mining, Econometrics, Micro & Macro Economic Theory, Computer Architecture, Machine Learning, Real Analysis
Languages	Mandarin (Limited Working Proficiency), Japanese (Professional Fluency)