Shanni Wu

shanniwuu@gmail.com ● linkedin.com/in/shanni ● 949-656-1547

EDUCATION

University of California, Irvine **June 2024**

B.A. Business Economics, B.S. Computer Science 3.88 GPA

Dean's Honor Roll (Fall 2020-Spring 2023), Regents Scholar, Undergraduate Research Fellowship

Relevant Coursework: Human-Computer Interaction, Corporate Finance, Applied Econometrics, Behavioral Economics

EXPERIENCE

Phillips Connect | Transportation | Irvine, CA **October 2022 - Present**

Office Assistant

- Trained TensorFlow machine learning models to classify trailers, increasing product demand from clients by 300%
- Updated scripts pulling data from servers, improving accuracy by 20%, running weekly on 120,000+ client devices
- Tested Bluetooth on two devices and implemented minor improvements in the code to increase speed by 6-8 seconds
- Spearheaded the Commercial Requirements Document for executive leadership to share with long-term client

AIRBNB | Hospitality | Irvine, CA **November 2021 - April 2023**

Superhost and Property Manager

- Utilized customer feedback to drive business development, resulting in a 23% increase in customer satisfaction
- Successfully managed a team of 3 and conducted 10+ interview to hire housekeeping, increasing overall efficiency
- Maintained an average occupancy rate of 92.5%, resulting in annual revenue streams of +$40k from one unit

Sapphire Delight LTD | Logistics | Hong Kong **August 2020 - April 2021**

Accounting Assistant

- Managed transactions of +$1.5M across multiple accounts and currencies, organizing spreadsheets for executive review
- Digitized and compiled dozens of logistics documents per transaction, increasing auditing efficiency by 78%
- Facilitated reviews of financial reports with local accounting firms to ensure accurate and timely processing

PROJECTS

Content Delivery Network **C++**

Designed for advertisement downloading

- Designed a CDN to efficient share media with large audiences by reducing the number of requests that reach the server
- Reduced server load by caching recent versions and serving them from memory to requests within a specified period

Columns Game **Python**

Adaptation of the 1990 Sega match-three puzzle game, Columns

- Implemented a colorful graphical interface using PyGame's library to be immersive and engaging for players
- Integrated user keyboard input with game mechanics and visuals to ensure a seamless game experience

Air Quality Checker **Python**

Given a location (coordinates or street number) and range, finds the region with the worst current air quality

- Calculated AQI from forward (given an address) and backward (given the coordinates) geocoded locations
- Processed data from Nominatim's API to filter for coordinates/location names and their air quality sensors

ADDITIONAL

Technical Skills: Python (data analysis, TensorFlow), C++, Java, MIPS, LucidCharts, Canva, Excel, Stata, R, QuickBooks

Foreign Languages: German, Chinese, Korean, Japanese, Spanish

Interests: Baking, Crocheting, Cultural Exchange, Riding my MT-03, Sailing, Sewing, Snowboarding, Traveling