Raymond Su
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EDUCATION

University of Washington — Seattle, WA
MS, Information Management — 2021-2023
Award: Information School Scholarship
Courses: Data Science, Machine learning, Database Management Systems, Social Media Analysis

Soochow University — Taipei, Taiwan
BBA, Computer Science and Information Management — 2016-2020
Courses: Data Structure, Algorithm, Object-Oriented Programming, Operating System, Software Engineering

EXPERIENCE

Jetson, Ventured-backed Start-up — Kirkland, WA
Software Engineer Intern — Jun 2022 – Aug 2022

- Enhanced product features and functionalities for the Jetson mobile app, utilizing ReactJS to develop and maintain the application for both Android and iOS platforms. Consistently troubleshooted known issues and successfully resolved an average of 10 bugs per week.
- Resulted in a 10% increase in social engagement, user sign-up rate, and website traffic per month by designing and implementing a website using HTML, CSS, and JavaScript, integrating a Snapchat API sharing feature.
- Conducted a comprehensive analysis of production bottlenecks to optimize the efficiency of the Jetson mobile app. Integrated a CRM system API using Python and proposed improvements that resulted in a 15% increase in sign-up rate.

Fubon Life Insurance Co. — Taipei, Taiwan
Software Developer Intern, IT Operation Management Department — July 2018 – Aug 2018

- Developed an automation program using Python that reports daily system alerts to JIRA. Saved 40 work hours per week for 20 people in the team.
- Collaborated with a team of developers, security engineers, and project managers in a cross-functional environment to successfully complete the project 2 weeks ahead of schedule within an 8-week timeframe.

PROJECT

r/WallStreetBets Key Opinion Leaders Analysis — Mar 2022 – June 2022

- Perform an in-depth analysis of user interaction on r/WallStreetBets during the GameStop short squeeze event in 2021, utilizing Python for high-frequency words, named entity, and topic modeling to identify Key Opinion Leaders.
- Classified the characteristics of most popular submissions on r/WallStreetBets, using Python-based TF-IDF matrix and deep sentence embedding, predicting the types of submissions that could become viral and anticipating the next potential similar event.

H&M Personalized Fashion Recommendations — Mar 2022 – June 2022

- Demonstrated proficiency in feature engineering by employing PCA and K-means clustering models with Python library including Pandas, Numpy, and Scikit-learn to accurately classify customers.
- Employed logistic regression algorithms in Python to predict customer purchase intentions, achieving a 64% accuracy rate.

Information & Communication Technology Innovative Service Competition — May 2019 – Sep 2019

- Developed an Education Technology application by training a machine learning model using TensorFlow and Python web crawler. Saved time for students by providing personalized recommendations.
- Built an Android app using Java and Android Studio to provide easy access for users.
- Awarded 4th place out of 50 participants.

SKILLS

Programming | Python, Java, TypeScript
Web & Database | JavaScript, React.js, HTML5, CSS, MySQL, MongoDB
Tech & Other | Git, Node.js, Docker, REST API, AWS, JIRA, Tableau