Randy Pham

U.S Citizen | (408)-913-3583 | rpham322@gmail.com | [LinkedIn]() | [Github]()

EDUCATION

University of California | Riverside, CA *Sep. 2023 - Present*

Bachelor of Science, Computer Science

Relevant Courses: Data Structures, Algorithms & Analysis, Software Construction, Data Analytics, Discrete Structure, Probability & Statistics

PROJECTS

Movie Recommender | CS 100 *Sep. 2023 - Dec. 2023*

- Developed a personalized movie recommender system utilizing collaborative filtering algorithms to analyze user ratings, providing tailored suggestions to users.
- Implemented Google Test and C-Make framework, testing code for 90% coverage to ensure that recommender is reliable and performing as expected.
- Integrated a database containing a list of 100 movie titles and user ratings, ensuring dynamic updating of recommendations based on user interactions.
- Collaborated with a team of four peers, practicing Agile methodologies using Git version control, enhancing team coordination and project traceability.

Smart Irrigation System | CUTIE HACKATHON *Nov. 2023 - Dec. 2023*

- Analyzed environmental data using a selection sort algorithm, significantly reducing water consumption by 76.19% in order to optimize water usage.
- Successfully completed and presented a fully functional prototype within the eight-hour timeframe, demonstrating exceptional time management and team collaborative skills.
- Lead a team of four to design and implement an innovative Smart Irrigation System that analyzes weather patterns and irrigates accordingly.

WORK EXPERIENCE

Lexus Stevens Creek | Valet *Dec. 2021 - Aug. 2023*

- Delivered and retrieved vehicles from the service area, providing a courteous and professional interaction that enhanced the overall customer experience.
- Worked efficiently under pressure to handle multiple vehicles per shift, contributing to the dealership's ability to serve a high volume of customers and maintain a swift service turnaround.
- Managed the detailing of new, used, and customer vehicles, utilizing specialized tools and products to achieve a showroom finish and superior customer satisfaction.

SKILLS

Spoken Languages: English, Vietnamese

Programming Languages: C++, C, Java, Python, Assembly

Tools: Visual Studio Code, Git, Slack, Pandas, Matplotlib

Interests: Cars, Coffee, Gaming, Weight Lifting