Randy Lam
(415) 672-3032 / rlam27@ucmerced.edu
rlam15.github.io

EDUCATION

University of California, Merced
Bachelor of Science, Computer Science & Engineering   Expected Graduation: Summer 2019

Related Coursework: Algorithm Design and Analysis, Object Orientated Programming, Principles of Information Systems, Robotics, Computer Vision, Computer Networks, Artificial Intelligence, Digital Imaging Processing, Discrete Mathematics.

SKILLS

Technical: C++, Java, Python, Swift, MATLAB, Microsoft Word, HTML, Microsoft PowerPoint, Photoshop
Languages: Bilingual in Cantonese Chinese

EXPERIENCE

Test Assistant at Adecco, onsite with Waymo - *Atwater*, CA   June 2018-August 2018
- Provided real life scenarios to test the limits of self-driving cars
- Worked with vehicle operators to achieve necessary test results.
- Trouble shooting self-driving cars.
- Maintained auxiliary vehicles.

PROJECTS

Dou Shou Qi, "Jungle"   February 2019
2019 UC Merced Hackathon
- Replicated the game Dou Shou Qi or "Jungle," an Asian variant of chess.
- Used concepts of Object Oriented Programming, C++ and OpenGL for visuals and functionality.
- Worked with a team of coders to accomplish tasks to meet requirements.
- Pitched and explain the code to judges.

Brick Breaker Game   March 2018
- Presented this game in front of the whole class talking about how we split up the work and the issues we faced and solved as a team.
- Used object orientated concepts to implement game logic, paddle, and bricks in C++
- Taught other members how to utilize GitHub.
- Used Photoshop to create the graphics of the paddle and brick.
- Debugged and offered ideas on "cheats" for the game.

Data Scraper Bot   January 2018
- Implemented a bot in Python to scrape HTML code from a specific website and display needed info.
- Allowed users within the application, Discord, to use this bot with commands.
- Because of this built in function, users no longer need to open a browser to utilize a specific website.

Organizations

Society of Asian Scientist and Engineers (SASE) – Historian, *Merced, CA*   February 2018-Present
- Updated and designed SASE's website, Facebook, and Instagram with new photos.
- Used photoshop to enhance photos taken at events.
- Aided in hosting workshops for professional skills.