Randy Lam

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Education

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

Programming Coursework: Algorithm Design and Analysis, Object Orientated Programming, Principles of Information Systems, Computer Vision, Discrete Mathematics, Robotics.

Skills

Technical: (proficient): C++, Java, Python, Git (familiar): Swift, MATLAB, HTML/CSS, Photoshop
Languages: Bilingual in Cantonese Chinese.

Employment

Test Assistant at Adecco, onsite with Waymo - *Atwater***, CA**　　　　　**June 2018-August 2018**
- Collaborated with vehicle operators to attain desired test results through a point system.
- Monitored and tested the limits of self-driving cars through vigorous strength and visual tests.
- Investigated problems when self-driving cars weren't functioning properly.
- Visually inspected parts of the self-driving car to detect any malformations.

Software Projects

Personal Website: rlam15.github.io (for LinkedIn and GitHub)

Dou Shou Qi, "Jungle" App　　　　　　　　　　　　　　　　**February 2019**
- Collaborated with a team to replicate the game Dou Shou Qi or "Jungle," an Asian variant of chess at UC Merced hackathon 2019.
- Designed and assigned parts to members and assisted with their parts when needed.
- Optimized and made code cleaner by using concepts of Object Orientated Programming and C++.
- Utilized OpenGL for visuals and interactions between chess pieces.

Brick Breaker Application　　　　　　　　　　　　　　　　　**March 2018**
- Lead a team to present an application in front of the class.
- Taught newer members how to utilize GitHub for version control.
- Used Photoshop to create graphics needed for the game.
- Tested the limits of the application by putting it through stress tests.

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.
- Led a small team of SASE members to teach middle and elementary schoolers how to use Arduino and Raspberry Pi weekly for the event Science on Saturday.
- Held workshops to help students on campus develop professional skills and connections.