**Randy Lam**

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rlam15.github.io

**EDUCATION**  
University of California, Merced   
Bachelor of Science, Computer Science & Engineering Expected Graduation: May 2019

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

**SKILLS**

Technical: C++, Java, HTML, Python, Microsoft Word, Microsoft PowerPoint

Languages: Bilingual in Cantonese Chinese

**EXPERIENCE**

Society of Asian Scientist and Engineers (SASE) – Member & Web Master, *Merced, CA* February 2018-Present

* Updated and designed SASE’s website, Facebook, and Instagram.
* Consulted with fellow board members to achieve a goal.
* Generated PowerPoints depending on the specific event. ­

Test Assistant at Adecco, onsite with Waymo 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**

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.
* Implemented game logic of the paddle and bricks in C++ by using object orientated programming principles.
* 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.

Maze Traversing Simulator December 2018

* Implemented the robot’s camera sensor in C++ to detect walls and treasures.
* Made sure the traversing node of the robot was compatible with the sensor node.
* Weekly checkups to discuss progress and any questions that need to be addressed.
* Trouble shot errors when robot couldn’t traverse across certain section of the map.

League Bot November 2019

* Used Python to extract information from OP.GG’s website site to display information when called.
* Analyzed the HTML of OP.GG to isolate patterns or key words and extract important information.
* Integrated into the app Discord.