

Zachary Light

Objective:

A skilled programmer, seeking an entry level position in software

Education:

Bachelor of Science in Computer Science and Engineering (Anticipated May 2019)

3.03 GPA at University of California, Merced: Merced, CA

Related Projects: mercedClassAlerts:

Python and JSON

A web crawler that sends an alert via text or email when there is a seat available in a class at UC Merced

- Parses HTML data to read open classes
- Utilizes multi-threading to allow additions mid-run
- Uses JSON to store requested classes

Brick-Breaker:

C++ with OpenGL

A rendition of the classic game Breakout

- Utilizes Object-Oriented concepts
- Uses OpenGL to draw graphics

Robotics-Maze

C++ with ROS

Final Project for my Robotics class

- Utilizes ROS concepts to allow a Husky Robot to traverse a maze
- Uses the camera to find and define hidden objects in said maze

Relevant Coursework:

Algorithm Design and Analysis, Data Structures, Software Engineering, Object Oriented Programming, Operating Systems, Computer Networks, Image Processing, Robotics, Artificial Intelligence

Languages:

C/C++	◆◆◆◆◆	nesC	◆◆◆◆◆
Java	◆◆◆◆◆	R	◆◆◆◆
Python	◆◆◆◆◆	Matlab	◆◆◆◆
ROS	◆◆◆◆	Git	◆◆◆◆◆