

# 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 