

# SIMON CHAU

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## EDUCATION:

**Bachelor of Science, Computer Engineering**  
University of California, Riverside

Riverside, CA  
September 2013 – June 2017

## EXPERIENCE:

### Bourns College of Engineering Help Desk Assistant

- Troubleshoot downloads and installation of software offered by UCR.
- Provided in person or email support regarding hardware or software related issues.
- Identified how to install or reformat Windows/Mac OS.

Riverside, CA  
June 2015 – June 2017

### Residential Technical Assistant

- Provided possible solutions for network connectivity issues for students.
- Setup and maintained school media events throughout campus.
- Cleaned residential halls and off campus computer labs and restocked printers.

Riverside, CA  
June 2014 – June 2015

## PROJECTS:

### Smart Window Curtain

- Programmed a miniaturized model window curtain roller that is controlled manually or wirelessly via Bluetooth.
- Worked with ATmega 1284 8-bit AVR Microcontrollers in compiling code to use stepper motors for the curtains.
- Used IR sensors for detection of light, which would determine to roll the curtains up or down.

Riverside, CA  
Fall 2016

### Line Runner

- Created an unintended feature that was later incorporated into the final version of the game.
- Rows of LED would alternate from bottom to top in a set speed and the player must follow set pattern for each level.
- Incorrectly following the pattern would result in restarting from the beginning, after completion the LED Matrix would light up green.

Riverside, CA  
Summer 2015

## EXTRACURRICULAR ACTIVITIES:

### Institute of Electrical and Electronics Engineers (IEEE)

- Served as Secretary/Webmaster for a prestigious organization of 50+.
- Gathered information regarding major projects the organization was working through meetings.
- Presented in weekly meetings the complete/incomplete objectives.
- Independently updated website information to ensure events or competitions were properly communicated among the student body.

Riverside, CA  
2016 - 2017

### Jelly Jumper

- Collaborated with friends in creating a game in a hackathon that placed 1<sup>st</sup> in the Memory Category.
- Programmed and adjusted platforms to interact differently with the player.

Riverside, CA  
Spring 2014

## LANGUAGES:

**English**  
Native

**Cantonese**  
Beginner

**Mandarin**  
Beginner

## TECHNICAL SKILLS:

**Programming Languages:** C/C++, HTML, CSS, JavaScript  
**Operating Systems:** Windows, Linux, Mac  
**Other Skills:** Atmel Studio, GitHub, Microsoft Office, Soldering