

Jason Ting

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EDUCATION

UC SANTA CRUZ

BS IN COMPUTER ENGINEERING

Expected graduation:

June 2018 | Santa Cruz, CA

GPA: 3.39

COMPUTER SKILLS

PROGRAMMING

- Python • Java • Assembly
- C • Verilog
- HTML • CSS • JavaScript

TOOLS AND IDE

- Eclipse • MPLAB X
- VMs • ISE Design Suite
- GIT • Unix

COURSEWORK

- CMPS 111 - Operating Systems
- CMPE 125 - Logic Design With Verilog
- CMPE 100 - Logic Design
- EE 101 - Electronic Circuit
- CS 101 - Abstract Data and Algorithm
- CMPE 150 - Computer Network
- CMPS 12B - Data Structure
- CMPM 146 - Game AI
- CMPE121 - Microprocessor Design

LANGUAGES

English (Native)

Mandarin (Fluent)

EXTRACURRICULAR

- Society of Asian Scientist and Engineers
- Chinese Student Association
- National Level USA Badminton Umpire

WORK EXPERIENCE

MSI LEARNING ASSISTANT | LOGIC DESIGN TUTOR

January 2017 - June 2017 | Santa Cruz, CA

- Facilitate interactive group learning sessions for up to 12 students at a time
- Help the students work together to understand the class material
- Create a collaborative learning environment
- Taught students how to create a state machine and solve sequential circuit problems

INDIVIDUAL TUTOR | ABSTRACT DATA AND ALGORITHM

January 2017 - June 2017 | Santa Cruz, CA

- Create lesson plan to help student further understand the concept
- Keep tutee engaged during tutor hour
- Taught sorting / searching techniques and basic graph algorithm

ID TECH | CAMP INSTRUCTOR

June 2016 - August 2016 | Palo Alto, CA

- Coordinate activities with other staff members
- Be a role model and a leader for students

INCREDIFLIX | CAMP INSTRUCTOR

July 2015 - August 2015 | Milpitas, CA

- Educated children from ages 5-11 on how to create stop motion videos
- Taught me leadership skills and time management

THE TUTORING CENTER | TUTOR

September 2013 - March 2014 | Milpitas, CA

- Interacting with students from elementary school to high school
- Learned how to interact and handle problems students ask

PROJECTS

OSCILLOSCOPE | DECEMBER 2017

- Used Microcontroller to communicate with Raspberry Pi to create a 2 channel oscilloscope
- Used DMA protocol to store data to transfer to the Pi with USB transfer

PLANET WARS | OCTOBER 2017

- Used python to create an AI bot that will play planet wars
- AI bot ran on behavior tree to strategize the next move

WEBSITE | MARCH 2017

- Used HTML, CSS, JavaScript to develop a personal website hosted on Github
- Built site following various tutorials with the goal of creating a professional portfolio
- Constructed using the Bootstrap framework and open-source libraries

SKYFALL | MAY 2016

- Used verilog and schematics to make a game where you dodge falling meteors
- Created state machine with verilog
- Interaction between FPGA board and monitor