

Vivian Lee

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EDUCATION

UNIVERSITY OF CALIFORNIA SAN DIEGO

COMPUTER ENGINEERING

Expected Graduation: March 2021

GPA: 3.7

LINKS

Github: <https://github.com/Viviaann>

LinkedIn: <https://www.linkedin.com/in/vivian-lee-0a3473173/>

COURSEWORK

UNDERGRADUATE

Have Taken:

Introduction to Java

Basic Data Structures and Object

Oriented Design

Software Tools/Techniques Laboratory

Discrete Mathematics

Engineering Computation (C Language)

Introduction to Digital Design

Introduction to Analog Design

Circuits and Systems

Completed Before Summer 2019:

Mathematics for Algorithms

Computer Organization and Systems

Programming

Components and Design Techniques

For Digital Systems

Intro to Front End Development

SKILLS

Mill/Drill Machine • Adobe Photoshop
Arduinos • Basic Assembly of Computers
Team Management • Linux/VIM
Java • Analog and Digital Design
GDB • C • HTML/CSS • Verilog

AWARDS AND

SCHOLARSHIPS

- 2018 Provost Honors
- 2017 Underwater Hockey Age Group
World Championships (5th Place)
- 2017 The Association of Chinese
Teachers Scholarship
- 2016 Academic Achievement Scholarship
- 2016 AP Scholar with Honor Award
- 2016 Engineering Inspirational Award

EXPERIENCE

TECHKNOWHOW | TEACHING INSTRUCTOR ASSISTANT

June 2017 – Present | San Francisco, CA

- Teach students basic electric circuits
- Educate students in programming and robotic controls
- Lead extended care and occasionally substitute head teaching instructor during class
- Guide students through Lego Robotics and Scratch programming

SAN FRANCISCO PUBLIC LIBRARY | TEEN COMPUTER CORPS

TEACHING INSTRUCTOR

June 2014 – Present | San Francisco, CA

- Tutor senior citizens on their electronic devices
- Teach computer functions from basics to advanced levels
- Help anyone who has problems with his/her computer, camera, smartphones, etc.
- Lead volunteer sessions
- Provide feedback to the librarians on ways to improve the system

PROJECTS

ENGINEERS FOR A SUSTAINABLE WORLD SOLAR CAR

ELECTRICAL TEAM

September 2017 – Present

Worked with designing the electrical array of the car, grading solar cells, and programming sensors.

WOMEN IN COMPUTING

CLUB WEBSITE : [HTTP://WIC.UCSD.EDU](http://wic.ucsd.edu)

January 2019 - present

Contributed towards improving the website for the student organization, Women in Computing, using HTML, CSS, and Javascript.

ENGINEERS FOR A SUSTAINABLE WORLD QUARTERLY PROJECT

QUADCOPTER

March 2018- May 2018

Written code for the gyroscope and partly designed the electronics for the quadcopter.

EXTRACURRICULAR ACTIVITIES

- 2018 Women in Computing (WIC) (Website Committee)
- 2018 Society of Women Engineers (SWE)
- 2018 Computer Science and Engineering Society (CSES)
- 2018 Multi-Asian Student Association (MASA)
- 2017 Engineers for a Sustainable World (Solar Car Team and Quadcopter)
- 2015 FIRST Robotics Team 4159 Cardinalbotics (Vice President of Operations)
- 2016 California Scholarship Federation Tutor
- 2016 Lowell Shield and Scroll
- 2010 Underwater Hockey SF Sea Lions/SD Sea Dragons