Vivian Lee

vylee168@gmail.com

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
MS Word • 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
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	Book Club (Vice President)
2016	California Scholarship Federation Tutor
2016	Lowell Shield and Scroll
2010	Underwater Hockey SF Sea Lions/SD Sea Dragons