**Samantha N. Figueroa** **samanthafigueroa1223@gmail.com**

**+1(408)-886-1548**

**Link:** www.linkedin.com/in/samanthanfigueroa **Education**

**BS - Computer Engineering**

**Minor - Environmental Engineering Expected Graduation Date:** Spring 2024 San Jose State University, San Jose, California **Current GPA:** 3.19

# Relevant Courses

Intro to Computer Science, Intro to Engineering, Discrete Mathematics, C Programming Concepts & Methodology, C++ Object-Oriented Concepts/Methodology, Calculus, and Diff. Equations, Intro Electrical Engineering.

Current C++ Algorithms, Data Structure Design, Digital Design, Advanced Algorithm Design, Software Engineering, and Electronics for Computing Systems

**Technical Skills**

C, C++, JavaScript , Python, CSS, and HTML

# Work Experience/Leadership

Guest Services/Usher SAP Center, San Jose, CA

* Welcomes guest with hospitable disposition **Aug 2019- Present**
* Coordinated with other fellow ushers to ensure a safe and secure environment

UPWARD U.N.I.T.E.S. Women Program

* A mentee working with networking with Tomorrow Engineering & Science **July 2021-Present**
* Collaborated with senior executive women from Intel to strengthen relationships in the field of engineering

Google Software Product Sprint (Code U) SPS Program, San Jose CA

* Launched an MVP application for Covid-19 awareness using React **February 2021-May2021**
* Constructed code within an 11-week span using HTML, JSS, and CSS

**Projects**

Wind Turbine, SJSU Green Engineering Project

* Calculated the stiffness, power, and efficiency of a wind turbine **Fall 2019**
* Designed and built a working model using SolidWorks and 3D printing Easy C V6 Cortex Robot SJSU, Intro to Engineering
* Designed and programmed a companion robot, to locate beacons **Fall**

**2019**

* Compiled drag and drop code onto a microcontroller to utilize its sensory motors

# Involvement

Participant of MEP, MESA Engineering Program **September 2019-Present**

Mentee UPWARDS U.N.I.T.E.S Program **July 2021-Present**

/Users/samanthafigueroa/Downloads/HW1Samantha/SamanthaFigueroaResume.pdf