Martin K. Wu

Profile

Junior at **Seattle University** majoring in **Computer Science** |<https://martian0718.github.io/index.html> | <https://github.com/martian0718>

# Education

**B.S. COMPUTER SCIENCE | SANTA CLARA UNIVERSITY (Transferred Out) 2018-2020**

* GPA: **3.7**
* Related coursework: Object Orientated Programming, Discrete Mathematics, Intro to Embedded Systems, Data Structures and Algorithms, Differential Equations, Intro to Logic Design, Probability & Statistics 1

**B.S. Major in COMPUTER SCIENCE & Minor in PHILOSOPHY | SEATTLE UNIVERSITY ‘22 2020-CURRENT**

* GPA: **3.62**
* Related coursework: Object Orientated Development, Fundamentals of Databases, Languages & Computations

# Life Experience and Projects

**WEB APP DEVELOPMENT | WORKOUTCAMP DECEMBER 2019**

* Spent Winter break creating a web app that serves as a platform where users can share their workouts to one another (With an Online Course: The Web Developer Bootcamp)
* Developing this app helped me learn how to use **Node.js**, **MongoDB**, **mongoose**, and **RESTful** routing

**TIC TAC TOE | PERSONAL PROJECT SUMMER 2020**

* Used **C++** to make a Tic Tac Toe game played on Terminal with OOP concepts
* Applied my knowledge of pointers, encapsulation, abstraction, and object relationships such as association and inheritance to create a working two player game of tic tac toe (working on implementing a 1 player)

## STUDENT GRADER (MATH 13) | SANTA CLARA UNIVERSITY FALL 2019

* Student grader for the third class of the calculus sequence
* Help students improve by giving them detailed feedback on problems they missed on the homework

## 2D PLATFORM GAME (LUX BRINGER) | GAME JAM FALL 2019

* Learned how to write **C#** Scripts in Unity to develop a game in 72 hours for an online game jam called Ludum Dare
* Learned how to cooperate and communicate with an international team of 5 members

# Leadership Experience & Awards

## VICE PRESIDENT AND CAPTAIN | SCU SWIM CLUB MAY 2019 – JUNE 2020

* Created swimming/dryland workouts for the team and lead at practices and competitions for all club swimmers during the school year.

**OFFICER** **&** **HACKER** **MASTER** **|** **SEATTLE** **U** **ACM** **CHAPTER SEPTEMBER 2020 - CURRENT**

* As a member of leadership in ACM, my role is to curate a list of problems from Hacker Rank & LeetCode so members can prepare for technical interview questions. During general meetings and weekend workshops I go around and help members to build intuition on problem sets and walk them through various solutions.

# Key Skills

Technical: (Proficient) C++ (Familiar) Java, C#, Node.js, HTML, CSS, .NET Unit Testing, JavaScript, MongoDB

Applications: (Familiar) Unity, Excel, Google Doc, O365 Word, Power Point

Interests: Swimming, Sports Technology, Vlogging, Internet of Things, and Machine Learning