Hyun Bin V. Won

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OBJECTIVE STATEMENT

Seeking a software engineering internship that will utilize programming skills including data structures, problem-solving capability, learning new languages, and assisting the business in an enterprising work environment

EDUCATION

University of California, Riverside   **Riverside, California**
Computer Science, B.S.   *October 2020 - June 2022*
- Relevant Coursework: Logic Design, Data Science, Discrete Structures, Advanced Algorithms, Software Construction

University of California, Merced   **Merced, California**
Computer Science and Engineering, B.S.E.   *August 2018 - May 2020*
- Dean's Honors List, Chancellor's Honors List
- Relevant Coursework: Machine Architecture, Data Structures, Linear Algebra

PROJECTS

Bubble Tea Appraisal Mobile Application
Independent Project   *July 2020 - Present*
- Designed a mobile application for IOS and Android which utilized Yelp's Fusion API to help customers determine which drinks to purchase based on consolidated restaurant data and recommendations
- Implemented Firebase's Cloud Firestore feature in order to have a flexible database in which every user that votes for their favorite bubble tea drink on the app gets updated in real-time

Word Game Website
School Project   *August 2019 - October 2019*
- Developed a word game where the objective is to find all possible words in a randomly generated matrix
- Built a web application in C++, JavaScript, and HTML, that displays user input, a randomly generated puzzle, and all possible answers

Alphabetical Sort Algorithm
School Project   *October 2019 - December 2019*
- Created an algorithm that utilizes a hash map to alphabetically sort a text file full of unsorted words
- Utilized knowledge of algorithms to implement an efficient and quick hashing function

Personal Website
Independent Project   *June 2021 - Present*
- Developed a website using HTML, CSS, and JavaScript
- Employed GitHub's Pages in order to host a free domain

LEADERSHIP EXPERIENCE

Association of Computing Machinery   **Merced, California**
Student Helper   *January 2019 - May 2020*
- Assisted students with their coding problems during Coffee and Code sessions which is a weekly event held by UC Merced's ACM that offers free coffee and coding assistance to UC Merced students

TECHNICAL SKILLS

Languages: C++, C, Java, JavaScript, HTML, CSS, Python, Dart, MIPS assembly, Verilog

Tools: Flutter, Visual Studio Code, Android Studio, Bash, Git/Github, Anaconda, Atom, GML, Xilinx ISE, Ubuntu, GameMaker Studio 2, IntelliJ IDEA