GRACE TANTRA

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TECHNICAL SKILLS

Proficient
C++, Java, Javascript, Python, HTML5/CSS, ReactJS

Familiar
C#, Unity, Swift, Matlab, Rust, Lisp

ADDITIONAL SKILLS

Adobe Photoshop
Adobe Illustrator
Clip Studio Paint
Clip Studio Animation
Microsoft Excel

SPOKEN LANGUAGES

Chinese (intermediate)
Japanese (conversational)
Spanish (conversational)

EDUCATION

Santa Clara University	Santa Clara, CA	Intended Grad: June 2023
B.S. Computer Science, (Minors: Economics, Japanese)	GPA: 3.94/4.0

Relevant Coursework: Object-Oriented Programming (C++), Data Structures and Algorithms (C++), Introduction to Logic Design, Linear Algebra, Discrete Mathematics

Singapore American School	Singapore, Singapore	Graduated: May 2019
Graduated *cum laude*	GPA: 4.12/5.0

Relevant Coursework: AP Computer Science, AT Computer Science: Data Structures and Algorithms (Java)

EXPERIENCE

SCU Drahmann Center (Undergraduate Advising)   Sept. 2020 – Present
Computer Science Tutor

Works with SCU's Drahmann Tutoring center to help aid underclassmen in their Computer Science courses. Tutors in Object Oriented Programming, Data Structures, and Algorithms. Was recommended by a professor to work at the center.

PROJECTS

Sorting Algorithm Visualizer (ReactJS, HTML5/CSS)

Created a page to visualize different sorting algorithms such as SelectionSort, InsertionSort, and MergeSort. Utilized the React framework for animations of the bars as they were moved into sorted positions.

Scrabble Helper (Java)

Created a program that would help to find the next best move in a game of Scrabble. The program analyzes the current words and the letters a user inputs, then uses a Scrabble dictionary trie to quickly find the highest scoring possibilities.

EXTRACURRICULARS/ACTIVITIES

Korean Student Association   Sept. 2019 – Present
Events Coordinator (2020-2021), Freshman Representative (2019-2020)

Creates and hosts new online events during the pandemic to promote conversation amongst our 80 members. Along with movie screenings and games, we plan events for critical dialogue on social issues both within the multicultural community here in California, along with in Korea itself.

Biotechnology Club   Sept. 2018 – May 2019
Founder & Co-President

Organized and led bi-weekly biotechnology laboratory demonstrations for groups of up to 16 students as an extension of the classes, allowing further exploration of various biotechnology topics.