

GRACE TANTRA

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College Address:
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Home Address:
2010 Milvia Street, Unit 212,
Berkeley CA 94704

ADDITIONAL SKILLS

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

SPOKEN LANGUAGES

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

TECHNICAL SKILLS

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

Familiar
Swift, Lisp, Matlab, Unity

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: 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)

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)
For the final project of my ATCS: Data Structures class, I 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

Computer Science Tutor Sept. 2020 – Present
Works with SCU's Drahnann Tutoring center to help aid underclassmen in their Computer Science courses. Was recommended by a professor to work at the center.

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.