

GRACE TANTRA

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TECHNICAL SKILLS

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

Familiar
C#, Unity, Swift, Matlab,
Scala, XML

ADDITIONAL SKILLS

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

SPOKEN LANGUAGES

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

EDUCATION

Santa Clara University | Santa Clara, CA
B.S. Computer Science, Psychology
Minors: Economics, Japanese Studies

Intended Grad: June 2023
GPA: 3.94/4.0

Relevant Coursework: Object-Oriented Programming, Data Structures, Logic Design, Theory of Algorithms, Programming Languages (Python, Java, Scala), Web Development (Javascript, PHP), Linear Algebra, Discrete Mathematics, Probability & Statistics

EXPERIENCE

Amazon (Sonder) June 2021 - Sept. 2021

Software Dev Engineer I Internship

Added a new feature to the cost submission rule-flow, allowing updated costs to be automatically rejected based off of configurable thresholds. Implemented the project end-to-end using Java, XML, HTML/CSS, and various Amazon-specific technologies. Explored and made use of Java technologies such as Guice and Lombok to streamline code.

Amazon (Alexa Video Catalog) June 2021 - Sept. 2021

Software Dev Engineer I Internship

Created a proof of concept for a new Alexa Video workflow for live programs such as Thursday Night Football. Implemented changes mainly in Java, and worked with various AWS technologies such as DynamoDB and ElasticSearch.

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.

PROJECTS

VaxTrax (ReactJS, HTML5/CSS) - Grand Prize, SCU ACM's Hackathon 2021

Utilized ReactJS elements to build the front page of VaxTrax, which takes in user input to check for COVID-19 vaccination validity and appointment times across various websites.

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 move into their sorted positions.

Scrabble Helper (Java)

Created a program that would find the next best moves in a game of Scrabble. Analyzes the inputted words/letters, then uses a dictionary trie to find the highest scoring possibilities.

EXTRACURRICULARS/ACTIVITIES

Alpha Phi Omega (National Service Fraternity) Nov. 2020 - Present

VP of Membership (2022 Fall), VP of Service (2021 Fall), VP of Fellowship (2021 Spring, 2022 Spring)

Oversees requirements for over 70 brothers, plans special events such as banquets/retreats, and manages outreach to various service organizations.

Korean Student Association Sept. 2019 - May 2022

Co-Chair (2021-2022), Events Coordinator (2020-2021), Freshman Rep (2019-2020)

Manages and oversees overall operations and various board member responsibilities. Communicates with other multicultural clubs, planning events for critical dialogue on social issues within our university and community.