

Masato Nandate

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EDUCATION

California Polytechnic State University, San Luis Obispo (Cal Poly)

Bachelor of Science Degree in Computer Science

Jun. 2024

GPA: 3.97

Relevant Coursework: Data Structures and Algorithms, Introduction to Computer Organization, Project-Based Object-Oriented Programming and Design, Fundamentals of Computer Science

SKILLS

Programming Languages: Python, Java, C, HTML, CSS

Software Tools: Microsoft Office, GitHub

Languages: Fluent Japanese

PROGRAMMING PROJECTS

Interactive Video Game, Project-Based Object-Oriented Programming and Design Partner Project

Languages and Tools Utilized: Java, Papplet Library

- Collaborated with partner to create a video game as final project of school project
- Incorporates Java Object-Oriented Programming Principles like Encapsulation, Inheritance, and Factory Design Pattern and A* path finding algorithm
- Resulted in playable video game with movable characters and environment changing animation upon click

Connect 4, Project-Based Object-Oriented Programming and Design Project

Languages and Tools Utilized: Java, Papplet Library

- Individual project creating Connect 4 using Object Oriented Programming Principles in Java
- Developed game logic, playability, user-input, and smart AI opponent
- Final product is a fully functioning Connect 4 game that can be played human vs human or human vs AI

Reddit Notification Application, Personal Project

Languages and Tools Utilized: Python, Reddit API

- Built a program that asks the user for an input string, and will search a specified subforum on reddit for a post containing the title
- Developed with Reddit API, external python libraries (requests.py and logger.py), and Linux tool crontab
- Returns a desktop notification if a post containing the title is found, and upon click will link user to the website

Personal Website, Personal Project

Language Utilized: HTML, CSS

- Architected with HTML and CSS for a responsive personal portfolio website
- Includes a Blog, Personal Projects Page, About Me, and Contact

WORK EXPERIENCE

Demonstrated excellent teamwork, time management, flexibility, customer service, and communication skills through the following employment:

Barista - Starbucks, Bellevue, WA (5 to 10 hours/week)

Aug. 2019 – Mar. 2020

Retail Sales Associate – Old Navy, Bellevue, WA (20 hours/week)

Jul. 2021 – Sep. 2021

CAMPUS INVOLVEMENT

Computer Science and Artificial Intelligence Club, Member

Sep. 2021 – Present

Nikkei Student Union, Member

Sep. 2021 - Present