**Karl Mathew D. Ramos**

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# Education

**University of Florida GPA 3.47/4.0**

Bachelor of Science in Computer Science Fall 2023

Certificate in Artificial Intelligence Fundamentals Fall 2023

**Relevant Coursework**: Data Structures and Algorithms, Software Engineering, Interactive Animation, Info and Database Systems

**Languages**: C++, Java, REACT, HTML/CSS/Javascript

**Software:** Visual Studio, VS Code, IntelliJ, Git, Clion, Processing

# Project Experience

**Portfolio**  Jan 2023

* Developed a portfolio website with descriptions about me, my skills, my education, and recent project
* Each project has at least a github link, code link, and demo video.
* This portfolio website is viewable in <https://karlmathewramos.github.io/2023portfolio/>

**Google Software Product Sprint Participant**  June-Aug 2022

* In this program, we built individual website portfolios, a team-created website, and took practice technical interviews with Google Employees.
* I learned about Git, Client-Server relationships, HTTP Requests, fetch (), json, HTML/CSS/JAVASCRIPT, Google APIs,

Iterative design and collaborative development.

* Personally, the biggest challenge I did was creating the setting pages to allow the user to change profile

pictures, names, emails, and passwords.

**Movie Recommender** Aug 2022

* Developed an app that would output the top 5 movies based on a movie dataset from Kaggle
* Worked with 2 other students to design the app by integrating a menu and use of data structures to organize data
* The data structures implemented without the standard library were Maps, unordered maps, and heapsort.

**Minesweeper** Spring 2022

* Created an app that lets the user play the game Minesweeper with interactive tiles and buttons
* The SFML library was used to create the window and mouse interactivity.

# Work Experience

**Teacher Assistant for AI Fundamentals Course**| University of Florida Current

* Graded student assignments and communicated with students on their work