



Jaden Thomas

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Skills Summary

Programming Languages: Java, C, C++, C#, Python, HTML, JS, CSS, Dart, Flutter.

Operating Systems: Windows 7/Windows 10/ Windows 11, MacOS, Linux, Android, IOS.

Information Technology: Computer Organization/Information Technology.

Other Skills: ChatGPT, Stable Diffusion, Pytorch, PyGame, Git, GitHub, SDLC, GDB.

Projects

2D C++ Console Game Engine | Personal Project

June - 2023

- Created a C++ customizable game engine designed to create games that are playable within the console.
- Features include a customizable 2D playing space, custom entity types with specialized events, collision detection, and game loops.

Wavefront Path Finding Algorithm | Personal Project

March - 2023

- Created a C++ program to find the quickest route from a user defined starting point to a user defined ending point.
- Created and designed an algorithm for placing inaccessible areas within the environment.

Zombie Conga Line | Course Assignment

April - 2023

- Created and implemented a templated doubly linked list using C++ classes.
- Created custom methods to control the functionality of the linked list with methods including adding to front/end, removing from front/end, adding, and removing specific nodes, adding, and removing specific values.
- Used debugging tools such as GDB and address sanitizer to find and fix memory leaks.

Personal Portfolio Website | Personal Project

May - 2023

- Created a personalized website using HTML, JS, and CSS. Hosted on GitHub pages.
- Garnered enthusiastic responses from users who appreciated the clear and concise project section.

Education

Paradise Valley Community College / Phoenix, AZ

Associate in computer science

ASU

BA, Computer Science

Related Coursework: Computer Organization, Data Structures and Algorithms, Advanced Programming, Fluency in Information Technology, Game Development.

Work Experience

Sandhills Global, Scottsdale, AZ

September 2023 – Present

Software Development Intern

- Underwent comprehensive training in the developer training department to familiarize the tech stack and process.
- Gained hands-on experience with web-based data-driven applications using technologies such as .NET, SQL Server, Web APIs, JavaScript, jQuery, and React.js.
- Primarily worked in a Microsoft-focused environment, with C# as the main coding language for projects.
- Collaborated within a dynamic team environment, employing agile methodologies to develop real-world software solutions. This includes enhancing operational efficiency and contributions to large public websites.
- Engaged in the maintenance of legacy systems written in Visual Basic

Other Work Experience

Dog Haus Biergarten, Gilbert, AZ

November 2019 – September 2023

Lead line cook / Server

- Leadership, teamwork, problem-solving, high-quality experience.