Trey Alexander

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GitHub Portfolio: https://arcaderaven.github.io/TreyAlexanderPortfolio.github.io/
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My Personal Profile

Computer science graduate with a focus on Python and C++ development. I have worked in Agile and Waterfall methodologies across several teams to develop unique software. Unreal 5 engine experience on both frontend and backend. This includes knowledge on landscaping, lighting, materials, textures, and blueprints.

With my time in an IT department and coding in teams, I am excellent at documentation, working in a team, collaborating with other teams; and getting work done without supervision. I am also able to troubleshoot errors and bugs, as well as understand code written by others.

Core Skills

Agile	**Waterfall**	**Code Review**
Collaboration	**Documentation**	**GitHub**
Python	**C++**	**Unreal Engine 5**

Highlighted Electives

- CSC 525: Graphic Rendering using C++ OpenGL and GLUT
- CSC 540: Introduction to Artificial Intelligence

Fluent Languages

- HTML and CSS
- Python
- C++
- C#
- PostgreSQL

Education

Bachelor of Science in Computer Science – Missouri State University

Minor of Mathematics – Missouri State University
AUGUST 2022

Projects

Sunset Tomb: A solo art project in Unreal 5 utilizing meshes, textures, Blueprints, textures, lighting, and wind speed.

Study Assist: I created a website in a team-based, AGILE environment using HTML, CSS, and Django / Python for front-end and back-end integration. This project is in my portfolio.

Pokémon-Showdown AI: I created a smart AI with a partner in Python that used the Minmax algorithm to play Pokémon Showdown. We used Pandas and a Pokémon-Showdown API. This project is in my portfolio.

Work Experience

October 2022 to Present – Bass Pro Shops
Title: IT Technician

- Troubleshooting over the phone
- Incident response and coordination
- Solving complex problems and documenting them for future reference
- Printer support
- Training new employees

September 2021 to October 2022 – Toth and Associates
Title: IT Intern

- Working on user tickets to solve hardware and software related issues
- Documenting solutions
- Assisting remote users on calls

Organizations and Hobbies

Missouri State League of Legends – Spring 2018 to Spring 2022