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<https://dacking15.github.io/Personal-Website/>

OBJECTIVE

Software development opportunities applying coding and collaborative skills gained from project experience.

EDUCATION

The Ohio State University, Columbus, OH: August 2015 – May 2020, GPA: 2.893

Major – B.S., Computer Science and Engineering, Specialization: Computer Graphics and Game Design

QUALIFICATIONS

Preferred Tools: C#, Unity, HTML, CSS, JavaScript, Brackets, Python, Sublime Text 3

Operating Systems: Windows, Mac OS, Linux, Unix, Android, iOS.

Favorite Courses: Computer Game & Animation, Animation Capstone, Web Apps, Data Visualization, Artificial Intelligence, Networking, Information Security, Automata, Leadership & Character.

ENGINEERING PROJECTS

Tanks 3D (*personal project*)- May 2020 – Present

- This procedurally generated 3D multiplayer game with a destructible environment is built from the ground up in Unity for PC. Check out my portfolio website to watch gameplay of the latest build.

COVID-19 Interactive Mirror (*collaborative project*)- March 2020 – April 2020

- This is a web application that allows the user to compare COVID-19 data by country using a novel interactive mirror data visualization technique. Check out my portfolio website to try out the website.

Save the Children Presents Eyes of Aminata (*collaborative project*)- January 2020 – April 2020

- This is a virtual reality experience built from the ground up in Unity for the Oculus Quest. Check out my portfolio website to try out the Windows 10 non-VR build.

Tic Tac Toe Artificial Intelligence (*collaborative project*)- January 2020 – April 2020

- This web-based game of Tic Tac Toe is home to an unbeatable AI programmed using the Minimax algorithm with Alpha Beta Pruning that I learned to implement in my Introduction to AI class.

Financial Summary Web Application (*personal project*) – June 2019 – July 2019

- This Python Script uses the webbot package to login to my Mint account, scrape my bank account balances, and then generate a HTML webpage with a summary of my finances.

File Transfer Application – March 2019 – April 2019

- This python script transfers a file from a client to a server machine in chunks of bytes using sockets and the TCP protocol.

WORK EXPERIENCE

Classroom and Digital Union Tech Support: January 2020 – March 2020, Columbus, OH

My work consisted of testing and troubleshooting classroom and digital union equipment at Ohio State.

Sidon Lebanese Bakery and Grill: May 2019 – August 2019, December 2019 – January 2020, Toledo, OH

My work consisted of preparing food, running food, resetting tables, and helping customers.

EXTRACURRICULAR

Pi Kappa Phi Fraternity: March 2017 – May 2020, Columbus, OH

I helped raised money for the Ability Experience philanthropy to help people with disabilities.

Media Marketing and Communication Scholars: August 2015 – May 2016, Columbus, OH

Took extracurricular classes involving iOS Swift and Android development.