

Mustafa Jamshidi

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Portfolio: <https://mustafajamis.github.io/MyPortfolio0.2>

EDUCATION

Wichita State University

Wichita, Kansas

B.S in Computer Science & Minor in Cyber Security

Expected Graduation, May 2025

- **Related Coursework:** Intro to Programming, Data Structures & Algorithms, Object-Oriented Programming, Web Programming (HTML, CSS, JavaScript)

EXPERIENCE

NetApp (ONTAP)

Wichita, Kansas

Software Engineer Intern (Part time contractor)

Feb 2023 – Jan 2024

- Spearheaded unit testing efforts for C and C++ projects, ensuring the reliability and functionality of the codebase and implemented rigorous testing procedures to ensure the product's safety.
- Led the seamless conversion of Perl to Python code, enhancing efficiency, compatibility, and collaboration across cross-functional teams.

NetApp (E-series)

Wichita, Kansas

Test Engineer intern

Dec 2022 – Current

- Developed an IMT test for Dagger 2 implementation, focusing on watchdog functionality to enhance system stability and reliability.
- Identified and resolved defects in E-Series controller firmware, ensuring product reliability.
- Resolved Coverity issues, fixing bugs and optimizing firmware for stability.
- Led stress testing sessions, validating system performance under challenging conditions.

Telecom Office at Wichita State University

Wichita, Kansas

Telecom Student Technician

Aug 2022 – Dec 2022

- Conducted thorough port audits and executed comprehensive testing on communication systems.
- Developed detailed documentation and managed inventory, contributing to seamless communication operations.

PROJECTS

Perl to Python Code Converter using OpenAI's

Personal Project

Winter 2023

- Spearheaded the development of a Perl to Python code converter leveraging OpenAI's ChatGPT, streamlining the conversion process and enhancing efficiency in software development workflows.
- Implemented error handling mechanisms and explored leveraging error messages to enhance the conversion process further.
- Conducted rigorous testing to ensure reliability and compatibility across various Perl codebases.

ShockShockers Dining: Your Personalized Nutritionist

Team Lead

Fall 2023

- Designed and executed personalized meal plans accommodating both vegan and omnivorous preferences.
- Positioned ShockShockers dining as a trusted advisor, contributing to a balanced diet in the midst of hectic student life.
- Demonstrated exceptional teamwork, innovation, and leadership in shaping a healthier, more mindful dining experience for all.

Personal Portfolio Website

Personal Project

July–2023

- Crafted a dynamic and visually compelling personal portfolio using HTML, CSS, and JavaScript, seamlessly blending design aesthetics with technical prowess to create an online showcase of my skills and projects.

Exploring the Mandelbrot Set

Personal Project

May – 2022

- Conceptualized and designed an engaging C++ project to explore the intricacies of the Mandelbrot set, demonstrating a keen ability to translate complex mathematical concepts into an accessible and enjoyable programming experience.

Gamming in C++

Personal Project

Feb – 2019

- Developed a classic Snake game showcasing strong C++ skills, console interface utilization, and version control.
- Spearheaded a comprehensive Unreal Engine 5 project, leading the creation of a character navigating intricate obstacles and explored and implemented fundamental gaming concepts, demonstrating a practical understanding of game development principles.

Digital Twin project with Orpheum theater

Team member

Feb – 2022

- Modernized the Orpheum Theater with a 3D digital replica, seamlessly blending history with technology.
- Utilized scanning and 3D design to replace an outdated component, preserving the theater's legacy.

SKILLS

Programming: C++, Python, Perl, JavaScript, HTML/CSS, PostgreSQL, SQL, PHP

Tools: Linux, GDB, Git Bash, GitHub, Unreal Engine 5, JIRA, Microsoft Offices