GOFORTH-HARMON, MEG
(720)-467-0588 | gofortma@rose-hulman.edu

EDUCATION

Bachelor of Science   May 2025

Rose-Hulman Institute of Technology, Terre Haute, IN

- Majors: Computer Science, Computational Science
- Minor: Political Science

Relevant Courses: Introduction to Systems Programming, Introductions to Website Development, International Relations, Data Structures and Algorithm Analysis, Practical Security I

SKILLS & PROJECTS

- Biliteracy (Spanish) with a Seal of Biliteracy in Spanish from Denver Public Schools
- Coding (Java, C++, C/, HTML, JavaScript, CSS, C, SQL) and Socket Programming

Website Development

- Developed and designed multi-page website with a team that included user authentication and security, profile management, and database management through Firebase using HTML, CSS, and JavaScript.

Mobile Autonomous Robot System

- Developed a high-level system design and translated the design into properly commented code with modular functions to achieve all the objectives of the final project to then verify the system requirement and test for quality assurance, then programmed a robot to navigate autonomously in a cluttered environment using various sensor feedback and use wireless controllers to remotely manipulate the robot

FPGA Board - Game Design

- Utilized Quartus Prime FPGA Design and an Altera DE2 Development Board to develop a multiplayer game of Pong through using combinational and sequential digital logic to implement a long game using a state machine.

WORK EXPERIENCE

Software Engineering Intern   June 2022 to

Direct Supply | Milwaukee, WI   Present

- Worked on a team to complete company supplier and customer catalog integrations.
- Managed operational systems workflow and SQL databases.
- Worked with EDI and ecommerce workflow automation through XML and C#.
- Worked with engineering scrum team management to streamline project execution.

Guest Advocate   May 2021 to

Target | Silverthorne, CO   August 2021

- Managed flow of Guest Services and resolved guest complaints and used and trained individuals with technology used to complete transactions and analyze guest satisfaction

ACTIVITIES & EXPERIENCES

- Member of Alpha Omicron Pi – Delta Xi Chapter | *January 2022-Present*
- Rose-Hulman CSSE Department Mentor | *August 2022-Present*
- British Politics and Government Study Abroad in United Kingdom | *May 2022-June 2022*
- PR Chair and Secretary of Rose-Hulman RHIThm Acapella Club | *2021-Present*
- Member of Garden Teen Leaders with Denver Botanic Gardens | *2017-2021*