Jack Schumacher

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ABOUT ME

I am a current Freshman at the University of Alabama in Huntsville, pursuing a degree in Business Information Systems with a focus in Cybersecurity.

WORK EXPERIENCE

Mukwonago Community Library - *MetaSpace 511 Innovator in Residence Intern - July 2022-July 2024*

Help and train patrons to use equipment in MetaSpace 511. I taught programs such as LEGO Club and STEAM Design Lab and help senior citizens with technology in Tech Tutor Sessions

- Used CAD and 3D printers and other rapid prototyping tools to iterate designs and find better solutions
- Worked as part of a small team where communication and experimentation are critical

Software Engineering Intern- *Textron Systems - October 2023-January 2024*

Worked for Medical Numerics, a subsidiary of Textron Systems. Worked as an intern on developing a software platform for next generation GE MRI scanners using Angular, JavaScript, and Node.js. I also developed basic Linux skills.

Mukwonago Area School District— *School Board Streaming Intern-June 2020- August 2023*

Streamed Monthly School Board meetings using industry-standard software and hardware such as OBS Studio and A/V Switchers.

EDUCATION

University of Alabama in Huntsville-Business Information Systems-August 2024-Present

Mukwonago High School- High School Diploma- September 2020-June 2024

OTHER EXPERIENCES

FIRST Robotics Team 930—*Programming Team Lead - October 2020 - May 2024*

On Team 930, I focused on programming using industry-standard concepts and tools to build my skills for future careers while leading a team.

- Ensured team cooperation, communication, and organization
- Developed a documentation system and standards to ensure effective communication and organization
- Successfully programmed components of the robot in C++ and Java using tools such as Git, VSCode

SKILLS

Git/GitHub

Java

Python

C++

SQL

Team Building

Teaching/Training

3D Printing

Laser Engraving/Cutting

Computer-Aided Design

CERTIFICATIONS

Information Technology Specialist: Databases- Certiport

Autodesk Certified User - Pearson

Microsoft Office Introductory Badges