

Ethan Houk

ethanhouk79@gmail.com • 216.272.9710

EDUCATION

Mercyhurst University Erie, PA

- Bachelor of Science in Cyber Security expected Spring 2023
- Data Science & Strategic Communication double minor
- Cumulative GPA : 3.9/4.0
- Computer networking, data analysis, cyber law & policy emphasis
- Relevant courses to be completed by Summer 2022
 - Intro to Cyber security, Data science, Computer science
 - Information Security
 - Operating Systems
 - Linear & Non-Linear Data Structures
 - Computer Systems Security & Policy
 - Digital Logic & Computer Organization
 - Computer Communication and Networks
 - Relational Database Systems
 - Computing Ethics
- Python experience
 - NumPy, Pandas, TKinter, and OS Libraries
 - APIs, GUIs, and SQLite databases

OUT OF CLASSROOM TECHNOLOGY USE AND HOBBIES

- Experience setting up, and running virtual machines using Oracle Virtualbox
 - Kali Linux, Ubuntu, Microsoft Windows and MAC OS installations
- Extensive experience with TAILS Linux and the protocols surrounding the TOR browser and onion routing
- Proficient and knowledgeable with computer hardware, both installation and troubleshooting
 - Built from scratch and upgraded several machines
- Entry level knowledge of penetration testing techniques and tools
 - Wireshark, Burp Suite, Kali Linux
- Passionate and knowledgeable about digital photo capture and manipulation
 - Digital photo file formats and storage techniques
 - Adobe Photoshop & Lightroom
- Passionate and knowledgeable about 3D printing, engineering 3D design software, and 3D printers - Gcode files, Ultimaker Slicer, and troubleshooting

EXPERIENCE

Carrabba's Italian Grill Westlake, OH

Host

June 2020 - Present

- Greeting and seating customers
- Bussing tables
- Providing excellent customer service and support

Sixmo Architects and Engineers Cleveland, OH

Intern of Architecture

May 2018 - August 2020

- Gained valuable experience in the corporate world at a young age
- Learned to use technology in the field of architecture and engineering such as Autodesk AutoCAD and REVIT
- Use of 3D printers and large format plotters

ACTIVITY

Ambassador of Service Erie, PA

- Uphold the values and principles of the Sisters of Mercy, founders of Mercyhurst University
- Give campus tours to prospective students
- Organize and operate campus events

Resident Assistant Erie, PA

- Create a vibrant living and learning community for Mercyhurst students
- Facilitate community building events and programs
- Empower others to be lifelong learners

ADDITIONAL

- Infragard Cybercamp Certificate of Excellence - Baldwin Wallace University
- Cleveland Institute of Art - High School Awards
 - Photography
- FIRST Robotics - 20th place out of 60 teams