

Contact

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Education

Northern Kentucky University

August 2022 - May 2026

- Cybersecurity Major
- 3.911 GPA
- Applied Statistics Minor
- Computer Science Minor
- NKCyber Club - Fall 2023
 - Red Team Division
 - Research & Development Division
- Varsity Esports Team

Technical Skills

- Python
- Java
- Linux
- AWS
- Web Development
- HTML/CSS
- IoT
- APIs
- SQL
- Git

Soft Skills

- Leadership
- Collaboration
- Organization
- Time Management
- Conflict Management
- Communication

Eli Nichols

Cybersecurity Intern

Driven Cybersecurity major with a strong foundation in AWS, Computer Networking, and Linux. Adept at working with a range of programming languages including Python, Java, HTML, JavaScript, CSS, and SQL. Passionate about leveraging my skills in real-world applications, I am actively seeking internship opportunities to enhance my practical experience in the cybersecurity industry.

Professional Experience

Discovery Lab Global - Student Researcher

April 2023 - August 2023

- Led a four-member team to integrate OpenAI's ChatGPT into SecondLife, posing as an educational tool for students to use within the virtual platform
- Researched and innovated a system for a client-server chatbot architecture
- Coordinated with Program Director for strategic alignment
- Navigated technical challenges involving outdated and emerging technologies
- Hosted a dedicated server, engineered and executed a diligent SQL database, and expanded user command functionality

INTERalliance - Project Manager

November 2021 - March 2022

- Co-orchestrated meetings and applied project management fundamentals
- Utilized Slack and Asana for task coordination and schedule alignment
- Improved professional email etiquette and communication, ensuring efficient and effective team collaboration

Personal Projects

Oasis - Software Engineer

June 2023 - December 2023

- Created Oasis, a 'magic mirror' that serves as a virtual AI assistant through the integration of Raspberry Pi, MagicMirror² software, and ChatGPT
- Developed and integrated dynamic, real-time information modules in JavaScript, including displays for time, weather, GPS routing to work, local gas prices, stock ticker and more
- Leveraged APIs to fetch and parse real-time data, integrating it into the system's dynamic display

Auto-Oats - Junior Software Engineer

December 2022 - June 2023

- Engineered an IoT-based oatmeal machine using Raspberry Pi and Python to automate breakfast preparation
- Developed a full-stack Flask web app with HTML/CSS frontend, allowing users to schedule and customize automated oatmeal preparation
- Configured Raspberry Pi services and crontab to automate the execution of initialization scripts, enabling the deployment of additional scripts from the main Python program