Benjamin Hall

ben1734.hall@gmail.com | (402)-885-1888
https://github.com/benfhall | portfolio: https://bhall.xyz

EXPERIENCE

Shure Incorporated, Chicago — *Cyber Security Intern*
MAY 2023 - AUG 2023

- Managed risk assessment platform across multiple regions
- Improved 3rd-party security rating from a D rating to B+ in 2 months
- Drafted company security policies and protocols based on quarterly security reviews
- Managed phishing campaigns, learning center, and manual email reviews based on user flagging

EP2, Des Moines — *Cyber Security Intern*
MAY 2021 - AUG 2021

- Enforced 30+ security standards and processes by reviewing CIS security recommendations and implementing needed changes
- Documented new formal company policies and protocols on topics including Risk Assessment, Account Policies, Training, etc...
- Served as the primary contact in the newly-established cybersecurity department
- Maintained Active Directory server

EDUCATION

Iowa State University, College of Engineering (CoE)
AUG 2020 - MAY 2024 | Ames, IA

Major: Cybersecurity Engineering, Honors: 2020, 2023-2024 CoE Dean's List

PROJECTS

Convoy Detection Application
AUG 2023 - JUN 2024 | Ames, IA

- Developed a robust API in Python to queue computationally complex algorithms for researchers to model molecular bonds and convoys
- Published into SIGSPATIAL 2024 Scientific Conference

ISU CyBot — *Embedded Systems Developer*
AUG 2021 - DEC 2021 | Ames, IA

- Collaborated on C-based embedded systems firmware to receive data from sensors and drive motors over a serial connection
- Developed a python server for advanced processing on real-world data, as well as receiving inputs from end users

FINDining — *Front-End Developer*
SEP 2017 - APR 2018| Omaha, NE

- Developed Angular application to interface with restaurant recommendation algorithm API server.

CyberPatriots Hardening Script
SEP 2016 - APR 2020 | Omaha, NE

- Developed bash script to secure a variety of vulnerabilities automatically, covering Ubuntu and many services for servers.

SKILLS

- Systems Administration
- Database Management
- Agile Development
- Computer Architecture
- Cryptography
- Risk Management
- Vulnerability Management
- Git
- Python
- JavaScript
- Java
- Node.js
- Linux
- Windows Server

AWARDS

Congressional App Challenge, 1st in Nebraska

CyberPatriots, 1st in Nebraska (2017-2020)

UNO IT Innovation Cup, 1st Place (2017-2019)

Future Builders Challenge, 1st Place