

Nathan Andrew Heckman

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PROFESSIONAL SUMMARY

Live to create a lasting impact on companies and coworkers through balance of technical knowledge and leadership. Thrive within a team and maintain constant level of personal growth.

EDUCATION

Georgia State University | 3.74 GPA
Bachelor of Science in Computer Science

Atlanta, GA
May 2022

COURSEWORK

Computer Organization and Programming, Operating Systems, Data Structures, Algorithm Design and Analysis, Wireless Network Security, Programming Language Concepts, Cybersecurity Fundamentals, Data Science Fundamentals, Software Engineering

SKILL SET

Languages: Java, Python, C, C++, PowerShell, HTML/CSS, REST API

Platforms: Cisco Umbrella, Cisco Meraki, Microsoft Azure AD, SCCM, Tableau, Microsoft Power BI, Eclipse, VirtualBox, Visual Studio Code, Cisco Packet Tracer

Certifications: CompTIA Security+, CompTIA Network+, CompTIA A+

EXPERIENCE

IT Infrastructure Intern	Neenah	October 2021 – Current
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- Coordinate cybersecurity training initiative, contribute to regular IT framework meetings
- Lead administrator for Cisco Umbrella, manage global integration effort
- Maintain group policy requirements, research optimal IT solution implementation
- Automate employee laptop configurations with PowerShell, VBS, SCCM
- Audit local systems regularly to ensure best security practices

Classroom Support Technician	Georgia State University	December 2019 - Current
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- Work with team to provide cybersecurity training to students and staff each year
- Set up and troubleshoot classroom technology and recording software for professors
- Assist students with identifying and resolving computer and network issues

Helpdesk Technician	Schweid & Sons	December 2020 – May 2021
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- Maintain live production equipment, user computers, scan guns, printers
- Manage network deployment, switches, and access points across production areas
- Control user permissions with Azure AD, manage Wi-Fi reachability and access
- Monitor network and Exchange server for malicious activity and spam

AWARDS AND HONORS

- Cybersecurity Club Member
- Association for Computer Machinery Member
- Eagle Scout
- Dean's List at Georgia State University – All Semesters

PROJECTS

Solar Flare Data Analysis – Python, Matplotlib, Pandas, NumPy, Jupyter Notebook

- Analyzed gigabyte size CSV files containing real solar flare data
- Clean raw data, select ideal features, construct data correlations and visualizations
- Classified flares by type through calculating statistical significance and probability

Computer Warranty Retrieval – Python, Pandas, HP API, SCCM

- Creating a Python script to analyze raw CSV data and retrieve warranty information
- Utilized publicly available HP API, planned to have no user input required beyond CSV
- Once completed, will drastically improve turnaround time for computer audit reports

Java Lexical Analyzer – Java, Python, Regular Expressions

- Developed a functional custom input Java lexical analysis machine in Python
- Handled program exceptions, syntactical token management, lexical class structure

Movie Suggestion Web App – Python, Flask, TMDB API, GitHub, Heroku, Wikipedia API

- Dynamically fetch movie data from The Movie Database, link user to Wikipedia article
- Implement Azure VM, Heroku for deployment, HTML/CSS for appearance and buttons

REFERENCES

Tim Murphy | Employee Value Stream | Travelers Insurance

Jimmy Jones | Systems Administrator | Neenah

Chris Stubbs | Infrastructure Analyst | Neenah

Bryn Richardson | Classroom Technology Manager | Georgia State University