Donovan Messer

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Experience

Optum/UnitedHealth Group

Associate I O Engineer, August 2024 – Current

- Commissioning, decommissioning, and patching in the commercial & federal environments for RedHat servers using UniVerse, Bash, Terraform, Zabbix, and RabbitMQ.
- Accomplished all metrics goals for 2024, such as over 99.9% uptime, significantly dropping outages, number of active vulnerabilities, and number of servers experiencing slowness compared to 2023.
- Taking part in the Optum cloud initiative by doing training in Azure and GCP, and working to attain certifications for both platforms.
- Actively ahead of schedule re-building Change Healthcare's infrastructure to a modern and more secure framework per Optum's standards.
- Handle reporting for servers to keep application owners knowledgeable of open CVEs on their servers using proprietary tools and other tools such as Tenable and Tanium.

TDP Associate, July 2023 – August 2024

- Rotation 1, August 2023 - February 2024
  - Ensured enterprise security with the SOC team by using our security alerting platform.
  - Used Azure, M365 Defender, Splunk, FireEye, Windows VMs, IronPort, and Agari to gather information to escalate or dismiss alerts.
- Rotation 2, February 2024 – August 2024
  - Worked with the B&E division building a new application for brokers to establish care for their employees.
  - Modernized this application using React TypeScript, RESTful APIs, and MongoDB.
  - Tested the application using Postman and Jest

TDP Intern - Software Engineering, June 2022 - August 2022

- Automated our test cases using Java Selenium. Data for test cases were accessed through APIs and MongoDB.

University of Delaware

Undergraduate Teaching Assistant, August 2022 – May 2023

- Ran labs, office hours, occasionally helped with lectures, and graded assignments for a class focusing on React TypeScript.

Education

University of Delaware

Masters of Science in Cybersecurity, Current GPA 4.0

Expected Graduation May 2026

Bachelors of Science in Computer & Information Sciences with a Cybersecurity Concentration; History and Cybersecurity Minors

Graduated May 2023, Dean's List Fall 2022

Additional Technology Experience:

- Python, SQL, MongoDB Google Cloud, Azure, AWS, Machine Learning, LLMs, Firewall Management, Digital Forensics (OS Forensics, Autopsy)