CASEY BURHOE

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OBJECTIVE

Goal-oriented software engineer with network and application security experience, eager to help develop networking software that is secure-by-design.

EDUCATION

Johns Hopkins University   Baltimore, MD
B.S. in Computer Science and Cognitive Science   May 2025
Coursework in Security and Privacy in Computing, Computer Systems, Data Structures
Hands on security experience with SEED Security Labs, built a basic C++ chat server

EXPERIENCE

Johns Hopkins Financial Systems Administration   Baltimore, MD
Computer Desktop Support   March 2023 – Present
- Troubleshoot help desk inquiries for ~200 financial services staff
- Collaborate with systems engineers to test and validate software products for deployment (Microsoft Office ProPlus 2021, M365, Windows 11)
- Manage computers and peripheral hardware
- Collect and validate inventory data including location of hardware, user information, model numbers, software versions, etc.
- Develop PowerShell scripts for automating software version information gathering during update deployments

Allergy & Asthma Associates of Maine   Portland, ME
IT Support Intern   June 2021 – August 2021
- Provide swift support turnaround times for ~20 medical and administrative staff while taking the needs of patients and providers into account
- Implement a patient waiting room self-service kiosk for appointment check-ins
- Consult medical device and software documentation to assist staff with their use
- Enable providers to access medical records stored in legacy EMR software

LEADERSHIP & COMMUNITY SERVICE

Ancient Baltimore Lodge #234 AF&AM   Baltimore, MD
Junior Deacon   November 2023 – Present
- Assess and select scholarship applications for our annual college scholarship awards
- Coordinate with local Good Shepherd UMC to host 4 annual free community meals, serving over 30 members of the community per meal

Johns Hopkins Men's Rugby F.C.   Baltimore, MD
Match Secretary, Treasurer   November 2021 – December 2023
- Organize home and away matches with 6+ teams in the Mid-Atlantic conference
- Manage and increase club budget to purchase new player kits, balls and contact equipment for practices, pay a professional coach, and pay for transportation to matches

SKILLS

C, C++, Python, PowerShell, Batch, Assembly, Linux-based operating systems, Windows operating systems, Excel, Word, networking, VirtualBox, concurrency frameworks, data structures and algorithms,