

Brett Bockstein

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WORK EXPERIENCE

RCM Healthcare Services

IT Intern

May 2024 - August 2025 (Summers)

- Reduced laptop provisioning and setup time by 50%, enhancing operational efficiency and productivity.
- Contributed to the development of a company-wide email management naming scheme, improving organization and consistency.
- Supported the research and implementation of new IT asset management tools, streamlining asset tracking and resource allocation.

University of Delaware

Teaching Assistant – CISC210: Introduction to Systems Programming

February 2024 - May 2024

- Provided support for student projects involving embedded systems and interactive objects.
- Held weekly office hours to offer one-on-one guidance on debugging, low-level programming, and efficient resource usage.
- Graded assignments and labs with attention to correctness, style, and performance.
- Reinforced key concepts such as pointer arithmetic, memory allocation, and interfacing with hardware.
- Guided students in understanding and applying system-level constraints in code design.

Radulescu LLP – Patent Litigators

Product Analysis Intern

January 2023/24

- Disassembled and organized hundreds of LED bulbs.
- Developed a nomenclature system to organize the bulbs inside Microsoft Excel, increasing bulb look-up time by 50 percent.
- Analyzed the type of LED on the PCB and the markings on the PCB of each bulb to classify which factory the bulb originated from.

Camp Scatico

Assistant Division Leader / Assistant Head of Woodshop

May 2021 – August 2023 (Summers)

- Fostered an open and welcoming environment to allow children to strengthen and make new connections.
- Created and organized personalized workout plans for 50+ campers, helping them to further their knowledge of fitness as well achieve their fitness goals.
- Directed and developed a woodworking program to teach kids valuable project design and problem-solving skills.

PROJECT

Homelab | Proxmox, Ubuntu, Docker

September 2021 – Present

- Deployed multiple instances of Proxmox Virtual Environment on many different ranges of hardware to host several different operating systems.
- Utilized multiple Ubuntu 22.04 and 23.04 instances to run different services using a combination of virtual machines and lxc containers.
- Implemented many different Docker containers using Docker Compose as well as Docker Run for media streaming, media organization, network administration, remote management, remote access, internal DNS filtering, and several others.
- Implemented different methods of data storage and access across the network for local and remote access.
- Implemented real-time detection of up-time statistics for all running programs and services with notifications via a discord webhook if anything fails to decrease downtime by 20 percent.

EDUCATION

University of Delaware

Bachelor of Science in Computer Science, Minor in Computer Engineering

August 2022 – May 2026

SKILLS

- Languages: Java, Python, C/C++, HTML/CSS, JavaScript/TypeScript.
- Developer Tools: Git/Github, Docker, Visual Studio Code, IntelliJ, NPM, React.
- Operating Systems: Windows, MacOS, Proxmox, Ubuntu, Debian, Unix.