JOSEPH BISON

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EDUCATION

University of New Hampshire (UNH) – Durham, NH **Expected: May 2027**
Bachelor of Science in Information Technology, Minor in Business Administration

Related Coursework: Integrative Programming, Fundamentals of Cybersecurity, Introduction to Software Engineering, Foundations of Information Technology, Programming for Digital Systems, Network/Systems Administration

TECHNICAL SKILLS

Computer Languages: Python, JavaScript, TypeScript, C, HTML, CSS, Expect, Microsoft Office

RELATED EXPERIENCE

UNH Interoperability Labs – Durham, NH **May 2026 – Present**
IP Test Technician

- Perform IPv6 conformance, functional, and interoperability testing on networking devices
- Set up test environments, configure devices, and validate network topologies for protocol testing
- Troubleshoot and debug protocol implementation issues through packet capture analysis
- Analyze test results to identify device, configuration, and network-related issues
- Detailed test documentation and reports describing protocol compliance and interoperability results

RELATED PROJECTS

Project Prometheus – Senior Capstone **Fall 2026 – Present**

- Collaborating with a team to develop an open-source cybersecurity solution for detecting potential threats on personal computers.
- Evaluating and configuring cybersecurity and monitoring tools to support threat detection, process monitoring, and user privacy.

Restaurant Finder Application – Integrative Programming **Spring 2026**

- Developed a Deno/TypeScript application that recommends nearby restaurants based on location and preferences.
- Integrated multiple REST APIs and implemented MariaDB/SQL for restaurant storage, retrieval, and history.
- Utilized asynchronous programming, JSON, and regular expressions for API requests, data management, and input validation.

ADDITIONAL EXPERIENCE

Bagel Hound – Wellfleet, MA **May 2025 – August 2025**
Line Cook

- Cooked ingredients and assembled made-to-order sandwiches accurately in a fast-paced kitchen.
- Coordinated with kitchen teammates to complete orders efficiently during busy service periods.
- Maintained clean, organized workstations and followed food safety and sanitation procedures.

The Blacksmith Tavern – Pembroke, MA **January 2024 – August 2024**
Server

- Supported wait staff by delivering food, clearing tables, and preparing seating areas
- Coordinated with kitchen and dining room staff to keep orders moving and address service needs.
- Maintained clean, organized dining areas and workstations throughout busy shifts.