Kyle Goodwin

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EDUCATION

University of New Hampshire   Durham, NH
B.S. in Computer Science – GPA: 3.86   Expected May 2026
- **Related Coursework**: Operating Systems, Scripting, Data Structures and Algorithms, Cybersecurity

TECHNICAL SKILLS

Languages: Java, C, C++, C#/.NET, Scala, SQL, HTML, React, Bash
Operating Systems: Windows 11 / 10, Linux, macOS, iOS
Tools: Visual Studio, VS Code, IntelliJ, Android Studio, Microsoft Azure, Docker, Xcode

PROFESSIONAL EXPERIENCE

Sprague Energy   Portsmouth, NH
Junior Developer Intern   May 2025 - Present
- Developed backend systems in C#/.NET and SQL, supporting data integrity across 100K+ records
- Migrated API call system to an in-house solution, improving stability by 90% and reducing system costs
- Collaborated in Agile sprints to deliver business-driven enhancements

University of New Hampshire   Durham, NH
Summer Research Assistant – Advisor Wheeler Ruml   May 2024 - August 2024
- Researching Anytime Heuristic Search Algorithm: Rectangle Search
- Developing Rectangle Search to improve efficiency and usability by removing a required input parameter while maintaining performance

Additional Work Experience   New London, NH
Waiter/Kitchen Staff (Twin Lake Village), Deli Associate (Hannaford)   May 2018 - August 2023
- Maintained a clean, organized workspace while adhering to strict food safety and sanitation standards
- Adapted to fast-paced, team-oriented environments and gained insight into company structure and career advancement opportunities

RELEVANT PROJECTS

NH48 iOS Tracker App (Swift, SwiftUI) | Personal Project
- Developed a mobile application to track progress on hiking all 48 New Hampshire 4000-footers
- Integrated Google Maps for trail visualization and API calls for real-time location and weather data

Cloud Ping-Pong Service (Go & Microsoft Azure)
- Built a distributed system using Go, Proto.Actor, and Azure VMs to simulate intern-VM message passing
- Deployed multiple services on different ports, integrating remote messaging and network resiliency.

CAMPUS INVOLVEMENT & LEADERSHIP

UNH Programming Assistance Center – **Consultant** | Feb 2024 – May 2025

- Supported 30+ students weekly in debugging and mastering Java and C coursework
- Emphasized code clarity, problem-solving strategies, and long-term understanding

Cybersecurity Club – **Student Member** | Aug 2023 - Present

- Led and participated in presentations on malware and encryption
- Mentored peers on basic cybersecurity principles and tooling

Intramural Soccer – **Team Member** | Aug 2023 - Present

- Developed team leadership, communication, and collaboration skills in competitive settings