

# Ryan

Medway, MA | Durham, NH

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## EDUCATION

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### University of New Hampshire - Durham, NH

Expected: May 2026

*Bachelor of Science: Computer Science*

3.68

- Dean's List Fall 2022, Spring 2023, Fall 2023, Spring 2024, Fall 2024

## TECHNICAL SKILLS

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- |          |             |           |
|----------|-------------|-----------|
| • Python | • Java      | • C       |
| • Jira   | • Bitbucket | • MongoDB |
| • Git    | • Flask     | • Azure   |

## WORK EXPERIENCE

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### UNH InterOperability Laboratory - Durham, NH

January 2024 - Present

*NVMe Technician Intern*

- Designed test scripts to be used by firmware engineers worldwide to pursue NVMe SSD certification.
- Developed test scripts for the Open Compute Project.
- Implemented Python scripts to streamline test development processes and used the Atlassian API to automate Bitbucket workflows.
- Interfaced with customers about testing services and bug fixes.
- Mentored new interns, providing guidance and support through the first 6 months of their employment.

### R&R Landscaping - Holliston, MA

June 2023 - June 2024

*Crew Member*

- Performed upkeep of existing landscaping and gained experience in leading a team.

### Albertson's Companies: Shaw's Supermarkets - Medway, MA

November 2019 - June 2023

*Service Cashier*

- Interacted directly with customers to handle price corrections, returns and customer check-out.

## PROJECTS

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### Virtual Memory Simulation

May 2024

- Written in C.
- Implemented Round Robin and Least Recently Used replacement algorithms for memory paging.
- Created page table structure as well as TLB structure for improved performance.

### Comment Checker

December 2024

- Written in Python using Groq API.
- Configured to pass a detailed prompt to the API along with a file to check for comment correctness and readability.

## ACTIVITIES

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### UNH Ski and Board Club - Durham, NH

September 2022 - Present

*Risk Manager*

- CPR certified and qualified to handle ski injuries on the mountain.

### Summit Sensations Mountaineering Club

October 2019 - Present

*Member*

- Active group member on climbing trips to various parts of the country including the North Cascades National Park and the Sierra Nevada Mountains.