CASEY GLADU

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EDUCATION

University of New Hampshire - Durham, New Hampshire   **May 2024**
Bachelor of Science: Computer Science   *3.71*
Dean's List: Fall 2020, Spring 2021, Fall 2021, Spring 2022, Spring 2023

RELATED EXPERIENCE

Interoperability Lab (UNH) - Durham, New Hampshire   **November 2020 - Present**
Software Developer
- Maintaining hardware testing tool used to validate NVMe devices with 10 other developers.
- Responding and Fixing customer issues through Jira and Atlassian tools
- Scripting tests according to NVMe Specs from NVM Express Organization
- Coding scripts in Python through NVMe CLI
- Leading projects for specific command groups ie Zoned Name Spaces and Reservations

Cognitive Assistive Robotics Lab (UNH) - Durham, New Hampshire   **September 2022 - December 2022**
Undergraduate Lab Assistant
- Collaborated with another undergraduate to make demo with SoftBank Robotics NAO Robot
- Utilized tools ROS 2, Docker, and NAO API to work with NAO
- Attended reviews and readings of studies about imitation learning with graduate students

RELATED PROJECTS

NVMe Interact Test Tool - Durham, New Hampshire   **November 2020 - Present**
Software Developer
- Developed with Tkinter based GUI and Command Line tool to test NVMe devices
- Tested devices through PCIe command line with open software
- Created for any desktop running Ubuntu 20.04
- Built/Fixed over 100-unit tests

Autonomous Quadcopter - Durham, New Hampshire   **October 2023 - Present**
Student Developer
- Collaborating with team of 4 other CS students and 8 ME students to build ROS2 project to fly quadcopter
- Managing Git, Docker, and workstations to help ensure easier development environment
- Documenting and writing guides to make onboarding of future collaborators easier

SKILLS / RELEVANT CLASSES

- Computer Vision
- Python, Java, Git, and C
- Object Oriented Design
- Algorithms
- Functional Programming
- Machine Learning

ADDITIONAL EXPERIENCE

UNH Esports Club - Durham, New Hampshire   **November 2020 - Present**
Event Organizer
- Ran and set up Tournaments for the club
- Bring Community Members to external tournaments at other schools
- Coached and competed alongside other members