

# CODY J. MCBRIDE

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## EDUCATION

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### University of New Hampshire - Durham, NH

Expected May 2024

*Bachelor of Science: Computer Science*

3.61

- Relevant course work: Systems Programming, Machine Learning, Compiler Design, Operating System Fundamentals.

### New Hampshire Technical Institute - Concord, NH

May 2022

*Associate of Science: Computer Engineering Technology*

3.40

- Capstone Project: Designed and programmed an electro-mechanical system for sensor calibration of imaging systems produced by Envision Technology, LLC.

## EMPLOYMENT HISTORY

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### UNH InterOperability Lab - Durham, NH

August 2022 - Present

*Lead Developer*

- Led automation effort for 4 industry specific test plans based on customer requirements and Broadband Forum specifications.
- Served as a mentor and trained new hires to laboratory standards.

*Senior Developer / Technician*

- Performed testing, troubleshooting, and technical analysis for 7 industry clients.
- Collaborated with 12 team members to develop automation software used to conduct in-house testing for clients.
- Created several technical documents and guides for operating new test equipment.

### Envision Technology, LLC - Manchester, NH

January 2021 - August 2022

*Engineering Technician*

- Assembled, tested, and troubleshot 60 prototype laser systems for a U.S. Army contract.
- Characterized several electrical and mechanical parts under engineering evaluation to assist in component selection.
- Generated automation software to calibrate hundreds of systems in manufacturing.

### L3Harris Technologies, Inc - Londonderry, NH

January 2017 - January 2021

*Engineering Technician*

- Performed system-level testing, as well as assembly of prototype builds for 10 different products.
- Trained dozens of operators on proper manufacturing processes during product transition from engineering to manufacturing.
- Served as a technical expert on 4 new product integration courses for the U.S. Army.

## SKILLS

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- Assembly and test of Electro-Optical Systems.
- Testing frameworks: JUnit, Mockito, Hamcrest.
- Atlassian suite of products.
- Programming for Windows operating systems.
- Troubleshooting products in a manufacturing cycle.
- Proficient in: C, Java, VB .NET, C#.
- Technical and Root Cause Analysis.