

Conrad Mercer

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Education:

Bachelor of Science in Computer Science, University of Mary, Bismarck, ND, Expected Fall of 2027, GPA 3.8

- Sister Thomas Welder Scholarship

Work Experience:

Embedded CO-OP: Bobcat, Bismarck, ND, May 2025 - December 2025

- Designed and implemented a CAN diagnostic tool to test communication across the Telematics Control Unit (TCU).
- Developed and maintained CLI commands for embedded testing and system verification
- Performed functional and regression testing to validate firmware and system performance
- Utilized C++ and Qt extensively for embedded application development

Ground Crewmember: All American Brush Removal, Hazelwood, MO,
May 2024 – Aug 2024

- Operated heavy machinery, including woodchippers, chainsaws, and skid steers
- Managed transportation and logistics, driving company trucks to and from worksites
- Supported tree climbers in removal and trimming operations, coordinating a safe workflow

Technical Skill:

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- Familiar with C, C++, Python, Bash: AWK and SED, Godot, Free Computer-Aided Design, Basic Crow, Qt, and Networking.
 - Experience with HTML and CSS, AWS, Jenkins
 - Familiar with the Linux Operating System, LaTeX, Spreadsheets, and Microsoft Word

Leadership and Involvement:

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- Catholic Studies Student Leader, Fall-Spring 2025
 - Lead and organized two programming events: a Poker Tournament and a Game Jam