

# Caleb Boerma

720-266-3036 | calebb2202@gmail.com | linkedin.com/in/caleb-boerma | github.com/Calebb2202

## EDUCATION

### B.S. Computer Science, Minors Cybersecurity and Math *Grand Valley State University, GPA: 3.688*

Aug. 2024 – Expected: May 2028  
*Allendale, MI*

## EXPERIENCE

### Dev Ops Intern

*Rep4FinLit (GVSU program)*

Jan 2026 – Present  
*Grand Rapids, MI*

- Gained experience in professional web-development contributing towards both the frontend and backend of the website (<https://www.rep4finlit.org/>)
- Contributing towards a financial advice AI chat bot during the winter 2026 semester
- Worked in a professional development environment utilizing the "Sprints" development method and working with undergraduate and graduate students
- Worked with students from different majors such as graphic design, film and video, and marketing

### IT Assistant

*North Pointe Christian High School*

Sep 2023 – Present  
*Grand Rapids, MI*

- Gained experience with the Jamf Mobile Device Management (MDM) platform to perform routine device management for 600+ laptops, including new student enrollment and device wiping
- Conducted system-wide diagnostics and physical maintenance on over 600+ laptops to identify technical issues and prepare hardware for the academic year
- Performed hardware repair on MacBook devices, including common repairs like battery and screen replacements
- Installed and configured new projectors in multiple classrooms

### FIRST Robotics Pit Crew and Drive Team Member

*North Pointe Christian High School*

Sep 2022 – Mar 2024  
*Grand Rapids, MI*

- Collaborated within a large team to design and assemble a robot for the annual FIRST Robotics Competition, specializing in the construction of the chassis and mechanical subsystems
- Performed rapid diagnostics and high-stakes mechanical repairs as a member of the pit crew during competitions, ensuring robot functionality under tight time constraints
- Selected as one of two robot operators on the drive team for the 2024 "Crescendo" season, responsible for controlling the arm and other subsystems during live matches

## PROJECTS

### Personal Website | *HTML, CSS*

Dec 2025 – Jan 2026

- Learned the fundamentals of HTML including divs, headers, links, buttons, classes, and IDs
- Learned the fundamentals of CSS including coloring, positioning, and formatting
- Utilized Figma design to create a prototype before development of website
- <https://calebb2202.github.io/>

### Pokémon Go Assistant | *Python, Selenium, Pandas, Scikit-learn, CatBoost, GitHub*

Jul 2025 – Aug 2025

- Engineered a data collection pipeline using Python and Selenium to automate web scraping, generating a dataset of over 15,000 simulated Pokémon battles
- Developed and trained multiple models (Gradient Boost, CatBoost) to predict battle outcomes, selecting CatBoost for its superior performance with categorical features like Pokémon types and moves
- Iteratively improved the final model through feature engineering, achieving a 79% prediction accuracy for the proof-of-concept project

## TECHNICAL SKILLS

**Languages:** Python, Markdown, C, LaTeX, shell scripting, HTML, CSS, Learning: Javascript

**Developer Tools:** Git, Github, Linux, VS Code, Google Colab, Firebase

**Python Libraries:** Familiar with: Scikit-learn, CatBoost, pandas, Selenium