





ZACHARY CRIMMEL

SOFTWARE DEVELOPER

CONTACT

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VOLUNTEER EXPERIENCE

Music Director

Element Church January 2024 - Present

- Produced and engineered live backing tracks in Ableton Live for weekly worship sets, ensuring polished, reliable audio
- Partnered with church leadership to design and execute custom special events from concept through live execution

Young Adult Life Group Leader

Element Church January 2025 - Present

- Collaborated with a team of young adult leaders to develop lesson plans, themes, and special events
- Facilitated group discussions with targeted questions to ensure every member felt included and engaged

Rec-league Softball Team Captain

Cheyenne Rec Sports April 2025 - Present

- Captain a recreational league softball team, coordinating player availability and building game-day lineups each week
- Organized roster logistics and ensured the team met league standards and scheduling requirements

Food Donation Driver

Element Church April 2025 - Present

- Completed an average of 4 weekly food deliveries to families recently discharged from the hospital, providing consistent community support on behalf of the church

WORK EXPERIENCE

Senior Software Developer

Handel Information Technologies

January 2023 - June 2026

- Developed and maintained the RiteTrack System using SQL, C#, and .NET, applying software development best practices to keep the codebase clean, readable, and efficient
- Delivered urgent bug fixes in under 24 hours for time-sensitive clients, minimizing downtime and maintaining client trust
- Handled large-scale change orders of 20+ changes, organizing and executing them efficiently without sacrificing quality
- Built and tested client-facing features in Visual Studio and SQL Server Management Studio, catching bugs early to ensure high-quality releases
- Collaborated with a diverse team to consistently meet project standards and deadlines

Computer Science Tutor

STEP Tutoring Center

August 2022 - May 2023

- Tutored groups of up to 4 students per session in fundamental computer science concepts
- Reinforced core programming skills through hands-on practice and clear, accessible explanations
- Coordinated with professors to align tutoring content with classroom material and maintain continuity

Cybersecurity Research Assistant

Cybersecurity Education and Research Center (CEDAR)

Summer 2022

- Worked on a diverse team on both outreach and research projects simultaneously
- Helped conduct workshops by demonstrating and teaching laboratory and research techniques, methods, and procedures
- Learned Python in order to develop and create exploits for AI frameworks by interpreting and understanding highly technical data

PROJECTS

Slippi Bot Project

- Built a Super Smash Bros. Melee "BotBuilder" in Python, using libmelee to interface with the Slippi build of Dolphin and a customtkinter GUI for creating, configuring, and customizing training bots.
- Engineered a modular behavior system of composable chains, tactics, and strategies, letting users target specific scenarios — ledge play, combat situations, and aggression levels — for focused, repeatable practice.

EDUCATION

B.S Computer Science

May 2024

University of Wyoming

- 3.4 GPA
- Presidents Honor Roll
- Deans Honor Roll
- Wyoming Cybersecurity Certificate