

Reese Redman

Enthusiastic Computer Science and CyberSecurity student with a deep passion for learning and problem solving. Thrives in collaborative environments, and looking to continuously expand my skill set through hands-on projects and challenges. Motivated to contribute and adapt, and grow while helping build effective solutions.

Education

Ashland University, Ashland, Ohio — Computer Science & CyberSecurity

Aug 2023- May 2027 (Expected)

Relevant Coursework: AI & Machine Learning, Data Structures, System Design, Computer Architecture, Operating Systems, Linux Security, Linear Algebra, Discrete Mathematics, Database Management

Experience

Techr2 Pataskala, Ohio — System Engineer Intern

May 2025 - Aug 2025

- Executed data security audits ensuring compliance with GDPR, NIST, and governmental regulations for enterprise clients
- Supported secure data destruction processes using proprietary Track-Contain-Destroy-Verify methodology
- Configured servers and contributed to automation scripting for IT asset management systems
- Assisted in documentation and compliance reporting for ISO-certified data eradication services.

CNC Construction Ashland, Ohio — Web Development Intern

May 2024 - Aug 2024

- Built and deployed mobile-responsive website using Django and vanilla JavaScript
- Developed custom application forms and secure user authentication systems
- Delivered project on time while managing multiple client requirements and deadlines.
- Integrated user registration, authentication, and secure client communication features
- Designed customizable job application forms and contact management system.

Projects

Workout App(In Progress) — Next.js, Redux, Node.js, PostgreSQL

- Building a full-stack application for logging and tracking personalized workouts.
- **Challenge:** Managing global application state, and dealing with User Auth.
- **Solution:** Leveraging Redux state management, and implementing JWT tokens into my app which I learned from my React course.
- **Outcome:** Scalable architecture preparing for Vercel deployment.

Newark, Ohio

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Technical Skills

Languages: Java, JavaScript, TypeScript, Python, SQL, HTML, CSS

Frameworks & Tools: React, Next.js, Redux, Node.js, Django, Express, EJS, Docker, Git, PostgreSQL, MongoDB, Linux/Ubuntu,

Concepts / Areas of Expertise: Full-Stack Web Development, API Design, Data Structures, Systems Modeling, Cybersecurity Fundamentals, Database Management

Soft Skills

Critical Thinking
Adaptability & Fast Learning
Collaboration & Teamwork
Initiative & Self-Motivation
Communication Skills
Analytical Thinking
Time Management
Attention to Detail
Problem Solving

AWARDS

Upsilon Pi Epsilon Award | April 2025 | International Honor Society for Computing – Recognizes academic excellence in computing and computer science.

Scholar All-American | April 2025 | National Wrestling Coaches Association – Honors student-athletes with outstanding academic achievement and athletic performance.

Certifications

React – The Complete Guide 2025 (Next.js, Redux) | Udemy | In Progress

Ultimate AWS Certified Solutions Architect Associate 2025 | Udemy | In Progress

CS50W: Web Programming with Python & JavaScript | 2024

GamingHub – React, Node.js, MongoDB, Socket.io

github.com/Reese408/GamingHub

- Developed multiplayer gaming platform with real-time gameplay, leaderboards, and profiles.
- **Challenge:** creating a connection from users and building a secure app
- **Solution:** Optimized Socket.io to handle session and implemented npm libraries such as “bcrypt” to hash password for security.
- **Outcome:** Smooth multiplayer experience with dynamic UI updates and secure user authentication.

MARIE Simulator – Java (Final project for Computer Architecture)

- Simulated MARIE assembly instruction execution with step-by-step visualization of memory and register changes.
- **Challenge:** Modular instruction-level execution logic.
- **Solution:** Designed structured memory and parsing modules.
- **Outcome:** Educational tool demonstrating CPU architecture for coursework.

CNC Construction Website – Django, JavaScript, HTML/CSS, SQLite

github.com/Reese408/CS293

- Built a responsive website to showcase services and manage client forms.
- **Challenge:** Learning to build a scalable Website which creates a seamless user experience while displaying CNC’s services.
- **Solution:** Leveraged my CS50W Course I completed, and implemented features from projects into my App .
- **Outcome:** I learned how to create end to end full stack applications which are scalable and secure for users.

Leadership Roles

Web Development Team, ACM Club – Ashland University | Aug 2024 – Present

Participate in team meetings, contribute to collaborative development projects, and engage in technical discussions.

Huddle Leader, Bible Study Team – Lead discussions, mentor peers, and foster team collaboration.

Student-Athlete, Wrestling Team – Develop discipline, teamwork, and time management through competitive sport