

John Jones

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EDUCATION

Miami University, College of Engineering and Computing | Oxford, OH

Exp. Graduation: May 2027

Bachelor of Science in Electrical Engineering, Computer Science Minor, Honors Program

GPA: 3.71

WORK EXPERIENCE

Miami University | Oxford, OH

Web Accessibility Intern

March 2025 – Present

- Collaborated with cross-functional teams to evaluate applications, websites, and documents for accessibility, contributing to inclusive design and development practices.
- Performed both manual and automated accessibility testing, documenting results and generating reports with actionable recommendations to guide remediation.
- Delivered assistive technology training to students and provided customer service support to faculty, staff, and peers, fostering accessibility and inclusion across campus.

CareSource | Dayton, OH

October 2023 – January 2024

Software Engineering Intern

- Authored and maintained detailed technical documentation for software applications, enhancing knowledge sharing and improving the overall developer experience.
- Worked collaboratively in an Agile environment, supporting sprint planning, participating in code reviews, and contributing to iterative development processes.
- Consistently delivered tasks ahead of schedule, showcasing strong time management, attention to detail, and dedication to achieving project goals.

PROJECTS & AWARDS

1st Place - C# Programming, Ohio BPA State (Won Twice) | Columbus, OH

March 2023 & 2024

- Outperformed 50+ competitors two years in a row to earn top placement in the statewide Business Professionals of America competition.
- Showcased expertise in C# programming, algorithm design, debugging, and efficient software development under timed conditions.

1st Place - Programming and Software Development, Miami Valley Tech Prep Showcase | Dayton, OH

April 2024

- Performed as lead frontend developer, creating a responsive, accessible, and modern user interface using programming languages and frameworks, working closely with other team members to integrate with backend systems.
- Collaborated with a local business client to gather requirements, align features with operational needs, and provide regular progress updates, applying strong communication and collaboration to ensure the final product matched client expectations.

2nd Place - Ohio State MakeOHI/O 2025 - Universal Translator | Columbus, OH

March 2025

- Built a real-time sign language translation system with Python and OpenCV, accurately interpreting American Sign Language gestures to enable smoother human communication.
- Applied advanced computer vision techniques to convert visual ASL input into any language, and output translations on an Arduino-powered LCD, supporting two-way communication across diverse populations.

3rd Place - Ohio Cyber Range Institute (OCRI) Statewide CTF | Remote

April 2025

- Competed in a state-level cybersecurity capture the flag competition, solving challenges in reverse engineering, cryptography, web exploitation, and forensics to identify vulnerabilities, exploit systems, and recover hidden flags.
- Demonstrated practical skills in penetration testing, secure coding, and problem-solving in real-world cybersecurity scenarios.

SKILLS

Technical: Web and Mobile Development, React Native, Git, Docker, Figma, REST API, Software Troubleshooting/Debugging, User Experience, Database Design

Interpersonal: Communication, Project Management, Cross-functional Collaboration, Problem Solving, Critical Thinking, Adaptability, Time Management

Programming Languages: TypeScript/JavaScript, Java, Python, C#, C++, HTML & CSS, SQL, Bash