

John A. Bacho

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Creative student passionate about programming and human-computer interaction. Skilled in development, problem-solving, and leading cross-disciplinary teams. See my work at johnbacho.com.

TECHNICAL SKILLS

Languages & Tools: HTML, CSS, JavaScript, Python, Java, C#, Unity, [Github](#), GitBook

Other Skills: UI/UX Design, Problem Solving, Communication, Teamwork & Collaboration

EXPERIENCE

Baldwin Wallace University, Berea, OH

Founder & Student lab director, Virtual Immersive Behavioral Sciences Lab January 2025 – Present

- Developed two research Unity-based VR applications in C#, implementing experimental logic, interaction systems, and real-time data capture for behavioral research, *and also built web-based CSV tools for post-experiment data processing.*
- Designed and integrated modular Unity systems, interfacing with 5+ SDKs and hardware platforms for VR, eye-tracking, and physiological data collection, emphasizing reliability and maintainability.
- Oversaw project planning and coordination, ensuring alignment between technical development and research objectives across interdisciplinary collaborators.
- Founded and led a 7-member interdisciplinary team, translating research requirements into scalable technical solutions while contributing to grant applications and securing dedicated lab space.

Nordson, Amherst, OH

Enterprise architect analysis intern

May 2024 – August 2024

- Developed test cases and technical documentation for 20+ system interfaces, reducing technical debt and supporting migration to a new enterprise platform.
- Documented and presented system updates and migration plans, clearly communicating complex technical changes to leadership and supporting a smooth transition to a new enterprise platform.
- Created technical documentation for integration interfaces, streamlining the migration process, simplifying system architecture, and improving scalability.
- Harnessed scripts to extract and analyze SAP table data in Power BI, enabling automated analysis.

Nordson, Amherst, OH

IT asset management intern

May 2023 – August 2023

- Analyzed and maintained 1,000,000+ IT assets, using ServiceNow, improving asset tracking and management efficiency.
- Leveraged Excel and Office 365 tools to organize, visualize, and present asset data for faster decision-making.
- Dynamically harnessed the full potential of the Microsoft Office suite, especially Excel, to expertly analyze and present data for decisive and informed decision-making.

EDUCATION

Baldwin Wallace University – Berea, OH

B.S. in Computer Science | Minor in Graphic Design | Anticipated May 2026 | **GPA: 3.94**

Leadership & Research: Team Lead in the UX Research Lab, Teaching Assistant, President of ACM, and Sherwin-Williams Career Accelerator Scholar - leading projects, workshops, and partnerships that advanced usability, diversity in tech, and STEM career growth.

Honors: Upsilon Pi Epsilon (UPE), Outstanding Computing Student Award, 7x Dean's List