

John A. Bacho

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Creative and driven student passionate about programming, UI/UX design, and human-computer interaction. Experienced in frontend development, problem-solving, and leading cross-disciplinary teams. Explore 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 & Project Lead, Virtual Immersive Behavioral Sciences Lab January 2025 – Present

- Founded and lead a 7-member interdisciplinary team, collaborating with psychology and neuroscience departments to investigate therapeutic relapse using VR and eye-tracking.
- Lead all technical development, including Unity-based VR programming in C#, implementing 5+ SDK integrations and hardware interfaces.
- Documented 6,000+ lines of code across 13 scripts in GitBook, creating accessible resources for team members and future research collaborators.
- Oversaw project planning and coordination, ensuring alignment between technical development and research objectives.

Nordson, Amherst, OH

Enterprise architect analysis intern May 2024 – August 2024

- Developed test cases and technical documentation for 20+ SAP PI/PO interfaces, reducing technical debt and supporting migration to SAP BTP.
- Created and presented slides outlining the PI/PO retirement strategy and system architecture to communicate the benefits of the migration to SAP BTP and secure support from leadership.
- Engineered documentation for CPI interfaces to support the transition to BTP, ensuring streamlined migration process that simplifies system architecture, reduces complexity, and enhances scalability.
- Harnessed scripts to extract data from SAP tables into 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, President of ACM at Baldwin Wallace, and Sherwin-Williams Career Accelerator Scholar - spearheading projects, workshops, and industry partnerships that enhanced usability, advanced diversity in tech, and fostered STEM career growth.

Honors: Upsilon Pi Epsilon (UPE), Outstanding Computing Student Award, 6x Dean's List