Brennen Puth

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Skills

Languages	Tools	OS Management	Web Development
Java, Kotlin	Git, GitHub	Fedora	Actix Web
Python	ReactJS, Svelte	Ubuntu	Flask
HTML, CSS	JUnit, Gradle	CentOS	Django
TypeScript, JavaScript	CMake, make	Arch	ReactJS
C, C++	Cargo, Clippy	Docker, Podman	Svelte
Rust	ChatGPT, Gemini	bootc	Tauri
bash, sh, fish			

Education

Cedarville University   Cedarville, OH
B.S. Computer Science and B.S. Cyber Operations; GPA: 3.91   Anticipated Graduation 05/2027
Relevant Coursework: Object Oriented Design in C++, Data Structures in Java, Algorithms, Digital Logic Design

Experience

Software Engineer Intern | Paychex   2025-05 to 2025-08
 • Authored Annual Reconciliation software for the jurisdictions of North Dakota and Alabama in Java.
 • Designed scripts for MongoDB in Python to optimize work productivity and precision.
 • Operated on Oracle databases to ensure quality of migration between software stacks.

Full Stack Web Developer | Scholarshelf   2024-06 to 2025-04
 • Designed a web application from scratch for viewing user-provided audio content.
 • Implemented Progressive Web Application technology to enhance mobile users' experiences with the application.
 • Negotiated requirements with the client to ensure implementation was feasible.

Data Organization | C22Tech   2023-12 to 2024-01
 • Organized internal note structure to be consistent by writing automation scripts.
 • Developed several scripts to ensure efficiency of data entry.
 • Collaborated with team members to ensure accuracy and completeness of internal notes.

Junior Leader | Camp Hickory Hill   2020-07 to 2023-08
 • Co-managed a team of volunteer campers to serve the camp by cleaning and building.
 • Trained volunteers to clean the camp.
 • Led discussions within the team about service, dedication, and integrity.

Extracurriculars

LightSys Code-A-Thon Participant   2024-04 to 2025-04
 • Volunteered with a team of 4 to build a ReactJS app in a week to support a non-profit organization.
 • Managed the development of the front-end systems using GitHub to store source code.

First Robotics Competition McQuaid Igknighters Programming Lead   2020-01 to 2023-05
 • Led a team of 5 programming students in developing software for a robot.
 • Coordinated with mechanical and electrical sub teams to ensure a high-quality final product.
 • Developed a system for managing robot log files and using them to inform design decisions.

WPILib Volunteer Software Contributor   2022-11 to 2023-05
 • Collaborated with developers from around the world to build an effective API for AprilTag data in C++ and Java.
 • Practiced Git and GitHub skills while submitting a pull request to the WPILib repository on GitHub.

National Cyber League Participant   2023-10 to 2023-11
 • Scored 1340 points in the Capture The Flag NCL Individual Game.