

Isaiah Banks

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RELEVANT WORK EXPERIENCE

NOX US LLC, Fostoria, OH — *Quality Assistant*

- Provide technical support to my department.
- Developed various applications to assist department and streamline processes including, but not limited to:
 - A desktop application to search through previous production runs.
 - Languages/Technologies used: Rust, Tauri (UI), calamine (Excel files). Originally written in C# using EPPlus; rewritten in Rust to increase disk read performance.
 - Greatly streamlined process for determining if products were new
 - Mobile application to streamline processes to record and store quality checks. Also included a web-based dashboard to simplify data retrieval and exportation.
 - Languages/Technologies used: Svelte (UI), Pocketbase (Server), Golang (API)
 - Reduced paperwork and duplication of data
 - Worked on an application in React Native with Pocketbase backend to integrate quality checks with ISO 9001 and ASTM standards.
 - Languages/Technologies used: React Native, Gluestack (UI), Pocketbase (Server), Golang (API)
 - Developed a web app in Svelte for streamlined data entry and record keeping for product defects
 - Languages/Technologies used: Svelte

SIDE PROJECTS

- Mobile application to control MPV video player on my computer for ease of changing volume, subtitles, and TV episodes.
 - Languages/Technologies used: Rust, Tauri/ShadcnUI (server UI), salvo (API), tokio (IPC sockets), React Native/React Native Reusables (UI),
- StreamDeck-like application to run on a RaspberryPI to execute scripts on the host computer.
 - Languages/Technologies used: Golang, fiber (API), fyne (UI), Sqlite (DB), Bun (scripting)
- Discord bot to organize and games with friends and the community
 - Languages/Technologies used: C#, Discord.Net

SKILLS & AWARDS

Computer Programming – C#, VBA, TypeScript, Svelte, React, VB.NET

Computer Hardware and Software – Installation of Windows and Linux, IT Troubleshooting

AWARDS

TestOut PC Pro Certification – Demonstrating skills in essential elements of computer hardware and operating systems

SkillsUSA State Bronze Medalist – Computer Programming 2013

SkillsUSA Member – 2012–2014

EDUCATION

Terra State Community College, Fremont, OH — Studying Computer Information Systems

Currently pursuing a degree in Computer Information Systems and have a keen interest in Software Development. I hope to further my education by obtaining a Bachelor's degree in Computer Science.