

# JOSHUA WISE

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## EDUCATION

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**Wright State University**  
*B.S. in Computer Science*

Expected Dec 2026  
Fairborn, Ohio

**Relevant Coursework:** Data Structures, OS Internals, Cyber Security

## TECHNICAL SKILLS

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**Languages:** Python, Java, C/C++, JavaScript, HTML/CSS, SQL, Bash

**Frameworks & Tools:** React, Next.js, Flask, FastAPI, Git, Docker, Postgres, MariaDB, Firebase, Vim, Power BI, MPI

## EXPERIENCE

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**Raider Immersion Program - Booz Allen Hamilton**  
*Year-round Intern*

Dec 2025 - Present  
Fairborn, Ohio

- Collaborating with aerospace engineers to develop software solutions for modeling aerospace components.
- Leveraging Python and OpenVSP to build, optimize, and maintain simulation applications.

**Air Force Research Laboratory (AFRL)**  
*Year-round Intern | Full-stack & Data Analysis*

Mar 2024 - Oct 2025  
Fairborn, Ohio

- Built a full-stack internship portal using Flask, HTML/JS, and Firebase; migrated data from Datastore to Firestore.
- Managed internal datasets and developed Power BI dashboards with DAX to visualize operational costs and usage.
- Automated data workflows to improve customer satisfaction and information accessibility.

**Wright State University**  
*Teaching Assistant & Java III Lab Leader*

Aug 2024 - Present  
Fairborn, Ohio

- Leading a 50-student lab on Object-Oriented Programming; coordinating grading and deadlines with staff.
- Demonstrating live coding workflows using Git and IntelliJ to enhance student understanding of development environments.

## PROJECTS

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**Box-Notes**  
*React, Tailwind, Python, FastAPI, Postgres*

Present

- Developed a responsive personal note-taking application using React and Tailwind CSS.
- Implemented a high-performance backend with FastAPI and Postgres for efficient data storage.

**Cooking App**  
*Next.js, FastAPI, MariaDB*

Present

- Led a 4-person team to ship a full-stack culinary app; architected the Next.js frontend and FastAPI backend.
- Managed Git version control, conflict resolution, and feature integration for the team.

**WiseBot**  
*Python, Discord.py, Tailscale*

Aug 2025 - Present

- Created a Discord bot to automate home server media queries and management.
- Enabled secure remote management of Immich, Nginx-Paperless, and Jellyfin services via Tailscale.

## EXTRACURRICULAR LEADERSHIP

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- **eSports Officer (Secretary):** Managed cabinet schedules and tracked club membership growth (2023-2024).