JOSHUA WISE

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EDUCATION

Wright State University
B.S. in Computer Science

Expected Dec 2026
Fairborn, Ohio

Relevant Coursework: Data Structures, OS Internals, Cyber Security, Special Topics.

TECHNICAL SKILLS

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

EXPERIENCE

Raider Immersion Program
Year-round Intern

Dec 2025 - Present
Fairborn, Ohio

- Working with Booz Allen Hamilton.
- Developing a user-friendly graphical interface and Python workflow to integrate with open-source APIs for aerospace simulation.
- Collaborating within a multidisciplinary team to validate model outputs and achieve technical milestones.

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

Mar 2024 - April 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 I & II Lab Leader

Aug 2024 - Present
Fairborn, Ohio

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

PROJECTS

Cooking App
Next.js, FastAPI, MariaDB, GitHub

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

- **Wright State eSports:** Served as **Secretary** (2023-24) managing club logistics, and **Team Captain**, leading strategy for a 5-person competitive team.