

Robert Pope II

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Education

Ashland University | Ashland, OH

(Anticipated) May 2026

B.S. Computer Science | Minors: Cybersecurity, Management Information Systems

GPA: 3.6 / 4.0 | Dean's List (5 semesters)

Professional Experience

Cybersecurity Researcher, Mississippi State University, Starkville, MS

May 2025- Aug 2025

- Conducted research on privacy-preserving spectrum sharing using homomorphic encryption and machine learning under Dr. Vini Chaudhary.
- Built machine learning models using homomorphic encryption to detect RF interference
- Improved signal security by 80% while achieving ~81.2% detection accuracy

Warehouse Supervisor, K&K | Crosstree Lane, Sandusky, OH

May 2024- June 2025

- Supervised daily warehouse operations including scheduling, cash reconciliation, and override approvals
- Maintained inventory organization and supported customer service operations

Web Design Intern, Mach Iron Works, Sandusky, OH

Jan 2022- Apr 2022

- Redesigned company website using HTML and modern design practices
- Increased web traffic by 30% through improved layout and optimized assets

Technical Projects

Esports Recruit Hub Website (In Development)

Jan 2026- Present

Full-Stack Web Application

- Developed a full-stack recruiting platform for Ashland University esports players
- Built REST API endpoints and PostgreSQL database models using FastAPI and SQLAlchemy for player statistics and recruitment analytics.

DevTrackr | FastAPI, React, PostgreSQL

Dec 2025-Present

Full-Stack Software Development

- Developed a full-stack productivity platform for managing user goals and tasks
- Built backend APIs with FastAPI and implemented authentication and database models
- Designed responsive frontend interface using React and modern UI frameworks
- [DevTrackr](#)

Research/Presentations

- **Summer Undergraduate Research Showcase (URS) | Mississippi State University** **July 2025**
Privacy Preservation of Telecom Signals | Advisor: Dr. Vini Chaudhary
- **Undergraduate Research and Creative Activity Symposium (URCA) | Ashland University** **Apr 2025**
Privacy Enhancing Technologies in Healthcare | Faculty Sponsor: Dr. Abdulbast Abushgra
- **Undergraduate Research and Creative Activity Symposium (URCA) | Ashland University** **Apr 2025**
Overview of a Modern-Day Weather App: RainCheck | Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam,

Skills

- **Languages:** Python, Java, JavaScript, SQL
- **Frameworks:** React, Next.js, Node.js, FastAPI
- **ML/Data:** PyTorch, Pandas, NumPy
- **Tools:** Git, Linux, Docker

Organizations/Activities

- **Association for Computing Machinery (ACM)** | President
- **Upsilon Pi Epsilon (UPE)** | Vice President
- **Student-Athlete Advisory Committee (SAAC)** | Esports Representative
- **Ashland University Esports** | Super Smash Bros. Team Captain, Mario Kart Player