

# Jacob Poling

Dayton, OH | [polingj999@gmail.com](mailto:polingj999@gmail.com) | [github.com/XarosElite](https://github.com/XarosElite) | [jacobpoling.com](https://jacobpoling.com)

Active Security Clearance

## EDUCATION

### Wright State University

Aug 2019 — May 2024

*Bachelor's of Computer Science*

*Dayton, OH*

- Relevant Coursework: Data Structures, Calculus II, Computer Organization, Digital Systems and their Designs

## WORK EXPERIENCE

### Software Engineer I

May 2024 — Present

Altamira

*Dayton, OH*

- Worked on a R&D project that integrates a computer vision model into a pipeline for a customer
- Helped lead an Internal Project to create a full stack web application that integrates a Computer Vision model to help a customer process their data. Stack included React TS, Flask, Golang, Docker, Docker Compose.

### Software Engineer Intern

May 2022 — August 2022, May 2023 — August 2023,

Altamira

*Dayton, OH*

- Wrote basic python scripts to format data for machine learning models
- Trained a Word2Vec machine learning model and integrated it into a web application to plot it
- Worked with a large Plotly Dash Web application to visualize data for a customer
- Trained a Pix2Pix Computer Vision model to detect lines in a noisy scene

### IT Intern

May 2019 — December 2019

Tri-Rivers Career Center

*Marion, OH*

- Helped maintain the school's network connectivity, troubleshoot internet / network issues, update and maintain student laptops, make ethernet cable runs from networking closets to devices.

### Cats Help Desk

January 2020 — November 2021

Wright State University

*Dayton, OH*

- Solved general help desk tickets.
- Troubleshooted problems with laptops, accounts, passwords, etc.
- Learned a great deal of problem solving skills at this job by helping students with their technical problems.

## PROJECTS

### Maintainer, Playhub

[jacobpoling.com/projects/playhub/](https://jacobpoling.com/projects/playhub/)

- A Docker based full stack game server manager

### Contributor, Mynk-db

[github.com/Sheepheerd/mynk-db](https://github.com/Sheepheerd/mynk-db)

- A synthing clone written in C
- This was largely my friends's project, however I helped write the API router logic in C for it.

## EXTRACURRICULAR ACTIVITIES

### Cross County/Track NCAA Division I Athlete

Aug 2019 — May 2024

- Competed collegially for Wright State University's Cross Country and Track team.

## CERTIFICATIONS

CompTIA IT Fundamentals+ (ID: W7NYSGLMTDQQ13WE), CompTIA (<http://verify.CompTIA.org>) May 2019

## SKILLS

- **Programming Languages:** Python, C/C++, Java, JavaScript/Typescript, Godot, HTML/CSS
- **Technologies:** Vim, UNIX, React, Flask, FastApi, Git, Docker, Docker Compose, Nix, Proxmox