

Jacob Poling

Dayton, OH | polingj999@gmail.com | github.com/XarosElite | 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

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.

Software Engineer Intern

May 2022 — August 2022

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

Software Engineer Intern

May 2023 — August 2023

Altamira

Dayton, OH

- 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

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.

PROJECTS

Contributor, Mynk-db

github.com/Sheepherd/mynk-db

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

Maintainer, Playhub

jacobpoling.com/projects/playhub/

- A Docker based full stack game server manager

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