

Kyle White

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EDUCATION

The Ohio State University

B.S. Computer Science and Engineering

GPA: 3.8

Aug. 2022 – May 2026

EXPERIENCE

Locations/Geospatial Software Developer Intern

Summer 2025

Kroger Technology

Blue Ash, OH

- Raised unit test coverage from 60% to over 90% across all 6 Locations and Geospatial service repositories
- Added GitHub Actions coverage gates to enforce the 90% threshold on every PR and main-branch merge
- Updated Helm charts and deployed to Kubernetes to align with new ServiceNow assignment groups
- Used Databricks notebooks to load data into PostgreSQL and Postman collections to validate API endpoints

IT Infrastructure Developer Intern

Summer 2024 (Full-time); Spring/Fall 2025 (Part-time)

Cincinnati Insurance Companies

Fairfield, OH

- Fixed bugs and resolved issues on the new monitoring alert platform
- Developed scripts using Python, Powershell, and C# for the IT Infrastructure developer team's BMC TrueSight Monitoring software replacement project after BMC raised the price by 700%
- Ingested data from various monitoring tools, formatted it into a uniform package, and called a REST API to send it to the new replacement application
- Integrated scripts to work with 3 infrastructure monitoring tools: Nagios, Dynatrace, and Splunk

Teaching Assistant for Foundation 1: Discrete Structures

Fall 2024

The Ohio State University

Columbus, OH

- Held weekly office hours to assist 30+ students in learning algorithmic runtime analysis

Software Developer Intern

Summer 2022, Summer 2023

Siemens Digital Industries Software

Milford, OH

- Built app for tracking intern progress and reviews, used by the intern program team for 70+ interns each rotation
- Optimized performance, implemented features and fixed bugs for the intern social app (100+ users)

PROJECTS

Pickleball Analysis Web App | React, Vite, TypeScript, Tailwind, Recharts, AWS

Link: pickle.kyle-white.com

- Live web app for users to visualize pickleball league metrics derived from logged matches
- Using AWS Cognito and DynamoDB users can create their own leagues and view leagues created by other users

AI Game Recommender | React, JavaScript, Vite, MongoDB, Node/Express, AWS

Link: game.kyle-white.com

- Utilizes Steam API to gather games played by user from which an OpenAI API is called to recommend similar games

OSU Degree Audit Parser | React, JavaScript, Vite, Node

Link: degreeauditparse.kyle-white.com

- Web app developed by my team at the 2024 OSU hackathon that parses an OSU student's degree audit and presents it in an easier to digest format

Portfolio Website | React, Vite, Typescript, Tailwind, AWS, GitHub CI/CD

Link: kyle-white.com

- Portfolio web showcasing my experience and skills

Legend of Zelda Recreation | C#, MonoGame, Git

- A 1-1 recreation of the first Legend of Zelda dungeon, with an additional custom game mode and unique boss

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, C#, C/C++, Go

Frontend: React, Vite, CSS, HTML, Tailwind, Recharts

Backend: Node.js, Express, REST, JSON

Cloud/DevOps: AWS (Amplify, Cognito, Lambda, API Gateway, S3, CloudFront, Route 53, EC2 (Nginx)), Docker, GitHub Actions, Kubernetes, Helm

Data: PostgreSQL, MongoDB, DynamoDB