

KYLE LISS

227 Southwind Dr. Valparaiso, IN 46385

219-307-0164 | kliss@iu.edu

Education

Bachelor of Science in Computer Science

Indiana University

Expected in May 2025

Bloomington, IN

- Cumulative GPA: 3.35 / 4.0
- Concentration: Software Engineering | Minor: Informatics, Business, Data Science
- Systems Programming, Data Algorithms, Discrete Mathematics, Web Design, Computer Structures, Database Concepts, Operating Systems, Multi Var Calculus • Jiu-Jitsu IU Club, Code.IU, Another Round Professional Men's Acapella

Experience

Software Engineer (Part-Time)

Paul's Auto Yard Inc.

8/2024 - Present

Westville, IN

- Researched and developed software to assist the management of financial records across 13 locations
- Created Microsoft Excel integrated programs that used Python's Pandas library to scrape data from worksheets
- Structured numerous Power Platform Applications to revamp the current POS system in tangent with APIs
- Analyzed data through a SQL backend database and creating function-based Excel worksheets from scratch

Software Engineer Intern

Encore Fantasy Games

10/2022 - 7/2023

Remote

- Worked Remotely with development team to fix bugs surrounding Fantasy Football software
- Experience in Data Scraping with the Beautiful Soup Python library to gain current information regarding sports
- Researched and actively learned how to debug and develop object-oriented software for company to actively use

IT Technician Assistant

NRL Technology

8/2019 - 1/2021

Valparaiso, IN

- Worked across NW Indiana installing network systems and or camera systems in a multitude of establishments
- Experience with CAT5e wiring and installation with manual crimping and ethernet cord creation
- Implemented Remote Desktop and later performed routine virus and desktop checks for 20+ customers

Projects

Auto Yard POS System

Work Project

October 2024

- Solely developed a POS system that would allow employees to enter Purchase / Sales order information and deliver it to an online Business Central database for business managers to analyze and review
- Structured with AL code, Java Spring Boot APIs, Power Automate, and Power apps communicating together to form a successful business data flow.
- Data continuously gathers across 13 different auto yard locations with a User-Friendly Power Apps application along with a detail central BC database.

Joke Exchange Webpage

School Project

December 2024

- Developed a community-based Joke Exchange website which allows users to create an account, leave a joke, and be rated by other users for their comedy skills
- Used a Flaskr backend with Python that integrated with our Sqlite3 database for user management, along with a clean and simple HTML and CSS for the frontend
- Application used containerized-deployment with Docker for Rapid Deployment and Consistency among the development team

BareOS Operating System

School Project

May 2024

- Solely developed a low-level filesystem implementation in C for a bare-metal operating system
- Utilized systems programming concepts including memory management, interrupt handling, and bare metal programming
- Demonstrated understanding of operating system internals and filesystem design principles