Taylor Payne

TaylorPayneDev@gmail.com | (606) 309 -4510 | www.linkedin.com/in/taylorpaynedev | https://taylorpaynedev.adaptable.app

OBJECTIVE

I am currently looking for a Computer Science industry. I have experience in Software Engineering and Systems programming. My most used languages are Python and Java Script.

EDUCATION

University of Kentucky, College of Engineering   **Expected May 2024**
Bachelor's Degree of Science in Computer Science   GPA: 3.18

SKILLS

Python | C++ | C | C# | JavaScript | HTML | CSS | SQL | Git | Bash | MATLAB | React | Express | Handlebars | QT | Flask | NumPy | Pandas | Scikit-Learn | Pillows | NPM | Tkinter | TCP | Routing | LLVM | Bison | Flex | Assembly | Expo | Agile | Collaboration | Teamwork | Data Processing | Web Applications | Mockups | Communication | Testing | Full Stack | Version Control

RELEVENT COURSES

Discrete Mathematics | Systems Programming | Web Programming | Graphics and Multimedia | Algorithm Design | Logic Circuit Design | Compiler Design | Machine Learning & AI Research | Database Management | Networking

CODE PROJECTS

Pokémon Decider Application – *JavaScript, HTML, CSS, Python*   **December 2023**
- Utilizing a Genetic Algorithm, the program picks the optimal Pokémon to fill a team of size less than 6. This operation is based on overall stats and number of unique typing bonuses.
- Bridges Flask backend with React.js frontend to form a Full-Stack application using the axios library.
- During the development, got to manage a team of 5 developers, implement Agile and learned more about how programmers should work together and what to do when a conflict arises.

Portfolio Website - *JavaScript, HTML, CSS*   **August 2023**
- Leveraged Express, Node.js, and Handlebars for robust web development.
- Developed responsive web layouts ensuring seamless functionality across all device types.
- Made as a side-project during the start of the semester to refresh myself on the web-development workflow.

Cross-Stitch Maker - *JavaScript, Python*   **April 2023**
- Android based application that takes a selected photo from the user's photo gallery and utilizes k-means clustering and the Google Cloud API to produce a cross-stitching pattern. From there the user can download the result, email it to friends, or post it on social media.
- Utilized React-Native and Expo Go to create an Android-based debugging environment.
- 2023 University of Kentucky Cat Hacks XI Hackathon First Place Winner

EXPERIENCE

Print & Marketing Associate   **Lexington, KY**
Staples   **May 2023 – September 2023**
- Ensured that each print job met the highest quality standards, which required meticulous attention to detail and the ability to interpret and execute complex instructions.
- Utilized problem-solving skills to diagnose and rectify hardware/software issues with various printing devices, ensuring optimal performance and minimal downtime.
- Oversaw multiple printing tasks simultaneously, ensuring each project was completed accurately and on schedule, highlighting multitasking and prioritization capabilities.

Book Seller   **Lexington, KY**
Barnes & Noble College   **August 2022 - February 2023**
- Worked independently and collaboratively to fulfill high volumes of student orders.
- Handled various troubleshooting tasks to appease customers while maintaining positive customer service.
- Became accustomed to dealing with the public and helping them locate Items throughout the store.