

# Lee Charles

## Software Developer & Data Analyst

Austin, AR | [leecharlesdev.portfolio@gmail.com](mailto:leecharlesdev.portfolio@gmail.com) | [leecharlesdev.com](http://leecharlesdev.com)

Graduate student pursuing a Master's in Data Analytics with a strong foundation in IT and Software Development

---

### Skills

**Languages:** JavaScript, Java, Python, SQL, HTML/CSS

**Frameworks/Libraries:** React, JavaFX, Chakra UI, FastAPI

**Tools & Technologies:** Git, GitHub, PyInstaller, Inno Setup, MariaDB, RESTful APIs, Responsive Web Design

---

### Internships, Contracts, and Work

**Pittsburgh Doors and Closets** – Frontend Web Developer – 3-month Internship (2024)

**Tech Stack:** React, JavaScript, HTML, and CSS.

**Tasks:** Visual overhaul, bug fixes, React SEO, documentation, and project management.

**UAMS | Software Tool – “TSC: Public Folder Index”**

**Tech Stack:** Python, CustomTkinter, and VBA.

**About:** Developed a custom Python GUI application to query 7,800+ paths and 65,000+ contacts. Reduced query time from about 5 minutes to <1 second and implemented automated VBA index updates. This relies on the automated data pipeline created to update the index weekly using VBA. Created an Inno Setup installer for easy deployment, enhancing productivity in the UAMS IT environment

### Projects

**ReformatIT | Portfolio Project**

**About:** Built a full-stack web application for image format conversion using React, Chakra UI, Python, and FastAPI. Hosted on Google Cloud Run using Docker and a deploy.yml script for automated deployments. Implemented user-friendly interface with responsive design and dark mode. Integrated Pillow for handling multiple image format conversions

**Ollama Chat App | Portfolio Project**

**About:** Developed a Python-based chat interface for Ollama LLMs with customtkinter. Implemented asynchronous operations and customizable model selection

**Personal Portfolio Website**

**About:** Designed and developed a responsive portfolio website using React.js and Chakra UI. Showcased personal projects and utilized GitHub Pages for hosting

---

### Education

**Master of Science in Data Analytics** (In Progress)

Capella University, Expected Graduation: September 2025

**Bachelor of Science in Information Technology**, Minor in Software Development

Capella University, Graduated: June 2024