

Matthew Wagers

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Education

University of Central Arkansas, *Conway, AR*
Bachelor of Science

Cum Laude -2024
Major: Computer Science

Eastern University, *St. Davids, PA*
Certificate in Data Science

2025
GPA: 4.0

Skills

Languages: Java, Python, JS, R, C++, Kotlin, GO, PostgreSQL, Bash, Assembly

Tools: JetBrains, GitHub, Kendo UI, Superset, D3, React, Docker, Ubuntu (Linux), Zeppelin
pgAdmin, R-Studio, VSC, Visual Studio, Android Studio

Concepts: Object-Oriented Software Engineering, Relational DBMS, Containerization
Data Structures & Analysis, Full Stack Development, AI/Machine Learning

Soft Skills: Teamwork/Collaboration, Problem-Solving, Self-Motivation

Project Experience

Organization Chart *First Electric Cooperative* (Team Collaboration - D3.js, React)

- Assisted in designing and implementing an interactive organizational chart component to dynamically render hierarchical data with expandable nodes & smooth transitions
- Developed a file upload feature that enables users to upload employee profile images, storing them as binary data in a PostgreSQL database

Game Software *University of Central Arkansas* (Team Collaboration - Java)

- Contributed to the development of game software in Java, implementing Client/Server architecture
- Played a key role in creating comprehensive documentation, including Use Case and Class diagrams

YouTube API *University of Central Arkansas* (Individual Project - Kotlin)

- Created an Android application allowing the user to explore The Beatles' albums, select songs, and watch the corresponding music video

Work Experience

Work Study Student | First Electric Cooperative

2024 - Current

- Developed and optimized complex SQL queries to retrieve, manipulate, and analyze data from relational databases
- Assisted in migrating and managing data pipelines, ensuring seamless integration of data
- Providing data visualization insights using Apache Superset and Zeppelin to support and enhance business intelligence initiatives