Matthew Wagers

mewagers.github.io

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Education

University of Central Arkansas, *Conway, AR* *Cum Laude - 2024*
Bachelor of Science Major: Computer Science

Eastern University, *St. Davids, PA* *Completed - April, 2025*
Certificate in Data Science 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

Portfolio Website *Personal Project* (Individual Project - JavaScript, React, Chakra UI)
- Created a portfolio website using GitHub Pages and React, customized with Chakra UI to showcase personal work

Tableau Dashboard *Eastern University* (Individual Project - Tableau desktop, Data Analysis)
- Designed an interactive Tableau dashboard and data story integrating advanced visualizations, calculated fields, and parameters to communicate regional sales insights with clarity and impact

Work Experience

Work Study Student | First Electric Cooperative
June 2024 - April 2025
- 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
- Provided data visualization insights using Superset and Metabase to support and enhance Business intelligence initiatives