

Grant Lemons

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Experience

Software Consulting Intern

Summer 2023

Headstorm, Dallas, TX

- Built a portion of a new frontend from the ground up in **React**
- Wrote **GraphQL** queries to retrieve data from the backend
- Spearheaded numerous **Agile Scrum** ceremonies such as standups
- Became a leader in **source control** and **Playwright integration testing** within the project team
- Designed user acceptance tests to collect stakeholder feedback

Software Consulting Intern

Summer 2022

Headstorm, Dallas, TX

- Designed the backend and database schema for multi-tier application
- Created and refined an **ETL** script in **Python** to run in **AWS Lambda**
- Developed a complex backend in **TypeScript** using **Express.js** and **Sequelize ORM**
- Deployed a **PostgreSQL** database to **AWS RDS**
- Engineered the networking between cloud instances using **AWS VPC**
- Spoke on project progress in numerous product demos to key stakeholders

Capstone Project

Aug. 2022 – Feb. 2023

Alcuin School, Dallas, TX

- Created and delivered multi-tier SaaS application
- Interviewed key stakeholders and gathered project requirements
- Implemented Authentication and Authorization using **AWS Cognito** and **JSON Web Tokens**
- Deployed containerized backend instances using **AWS Fargate** and **AWS ECR**
- Created a frontend in the **Svelte** framework, and a backend in the **Rust** programming language

Education

Colorado School of Mines

Aug. 2023 – Present

B.S. Computer Science

Alcuin School

Aug. 2019 – May 2023

International Baccalaureate Diploma

Certifications

AWS Solutions Architect — Associate

Aug. 2022 – Aug. 2025

Credential ID: S8XVNC12QBF41B57

Programming Skills

Languages: Rust, OCaml, Python, TypeScript, SQL, Bash/Zsh

Technologies: AWS, Docker, React, Git, Playwright, PostgreSQL, Neo4J