

Andrew Stormer

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Education:

Bachelor of Science in Computer Science

May 2025

Minor in Mathematics

University of Missouri - Columbia

Cumulative GPA: 3.727

Technical Skills:

Software Engineering - Backend Development - C - Mathematics - TypeScript - Linear Algebra - Graph Theory - AWS

SQL - Agile Development - Full-Stack Engineering - Differential Equations - Python - DynamoDB - IAC - Postman

Work Experience:

Lumeris, Maryland Heights, MO - Software Engineering Intern

May 2024 - PRESENT

- Stood up an API using NestJS that used data from 10 different MySQL tables and mapped them to 2 HL7 FHIR 4.0 standard resources, allowing for standardized CRUD routes of entities within their system. Created a repository with IAC (infrastructure as code) & CI (Continuous Integration) to deploy this API into production.
- Automatically generated an update script for 6000+ entities in production using a postman collection runner, testing through different stages of deployment (dev, uat, prod) to move these entities off an external dependency onto a new internal service, and documented the process to be recreated when necessary in the future.
- Worked with another team on IAC for their API, helping create a DynamoDB table to store important medical information. Guided others with handling FHIR resources and IAC to speed up their API development.

Technical Projects:

Portfolio:

May 2024 - PRESENT

- Developed a Portfolio website (not public yet) using NestJS for the backend and React and CSS for the frontend, using TypeScript with both. NestJS connects to MySQL using TypeORM, with CRUD routes for 3 entities that are displayed in the frontend.

Better_C_Strings:

September 2023 - May 2024

- Developed a lightweight portable C library for efficiently interfacing standard C strings, adding additional functionality (e.g. split, join, clean, match) to be used and unwrapped back into a standard C string, allowing use with any system that uses/expects strings. Developed with an emphasis on efficiency of memory and speed.

Associations:

- Member of the Mizzou Computing Association
- Member of the Beta-gamma chapter of the Kappa Sigma Fraternity

Skills:

- **High Aptitude:** Self-driven to learn new things and to better myself and the people around me. Very high work ethic to make these things happen by myself or with others.
- **Communication:** Strong ability to work in a team and communicate clearly and efficiently. Able to handle leadership roles and delegate tasks among members of the team.