

Justin Adams

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EDUCATION

University of North Carolina at Chapel Hill

Bachelor of Science in Computer Science, Minor in Statistics

Chapel Hill, NC

Aug. 2019 – May 2023

EXPERIENCE

Associate Software Engineer

June 2023 – Current

Fidelity Investments

Durham, NC

- Working with Angular, Java, SQL, Node, Spring on the Agency Lending platform within the Fidelity Brokerage Technologies organization
- Contributing to updating necessary Angular code to the latest version
- Refactoring code to allow for greater scalability and front-end configuration based on database data

Software Engineer Intern

May 2022 – November 2022

inLumon

Remote

- Contributed to re-writing of codebase to create a cleaner, more scalable version using Angular, .NET Core, NX, SCSS, Tailwind CSS, Prime Ng, and Bootstrap 5
- Developed agency/board sites for multiple state board and licensing agencies
- Researched and implemented a data analytic software solution for multiple clients using Apache Hadoop and Hive
- Implemented graphical analysis tools using the d3.js library to allow for streamlined implementation by other developers into other agency web applications

PROJECTS

CSXL UNC Application | *Angular, Python, FastAPI, Docker, Postgres*

- Developed an application for users to register for UNC Computer Science workshops
- Uses authentication to allow for select users to create or edit workshops and check-in students
- Worked in a team of 4 to develop application
- Tech Lead for the project after 75 percent of development process was complete - was responsible for reviewing pull requests and delegating assignments to other members
- Deployed through UNC's OpenShift platform at this link: CSXL

Simulator for Models of Computation | *React, JavaScript, Bootstrap, CSS*

- Operated as the Technical Lead for a Software Engineering Lab tasked by a client to develop a simulator for different models of computation
- Implemented simulations for DFA, NFA, PDA, and Turing Machines computation models
- Developed entirely with React and JavaScript with no server side functionality - per client's request
- Client expects for the simulator to be used by 100,000+ students, and other users, over the next few years

Memories Application | *React, Redux, Node, Express, MongoDB*

- Created as a full stack MERN application
- Allows users to upload files to save memories with different tags, descriptions, and titles
- Like counter allows for users to see interactions with their memories posts
- Implementing login and signup features to allow for account creation

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, SQL, Scheme, C/C++, R

Frameworks: Angular, React, .NET Core, Node.js, Bootstrap, Express, Hadoop, Spring

Developer Tools: Git, DbForge, MongoDB, Docker, VS Code, Visual Studio, Postgres, OpenShift, Eclipse

Libraries: Pandas, NumPy, Tensorflow, D3.js, PySpark, P5.js