Anon Brother

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EDUCATION

T50 CS School   City, ST
BS in Software Engineering, Minor in Economics. GPA: 3.63   ***Graduation May 2025***

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java, C#, C++, SQL, HTML/CSS, PHP, GraphQL, Kotlin, Swift, Go
Frameworks: React, Next.js, Node.js, Flask, WordPress, Material-UI, FastAPI, Semantic Kernel, Flutter, Angular
Developer Tools: AWS, Databricks, Git, Docker, Database(MySQL, Postgres, MongoDB), Terraform

EXPERIENCE

Rivian Automotive   January 2024 – August 2024
Software Engineer Co-Op & Machine Learning Co-Op   *Normal, IL*
- **Saved \$100,000** by building a **3D CAD** modeling app with enhanced functionality to replace 3rd-party software
- Unified the manufacturing process with an app that **cut load times by 97.4%** (90 to 1̃.5 minutes) and enabled live access to data, replacing expensive external software, built with **Typescript React, Node, AWS, & C#**
- Automated process to compare part structures for next-gen vehicles (R2 car), eliminating the need to analyze 100+ Excel files & use external software, using **Python, Typescript React, MongoDB, and Redux**
- Enabled natural language search for non-technical teams on manufacturing data, by integrating in-house **LLM (Semantic Kernel)** with **Databricks, converting English to SQL**, and streamlining data access.
- Expanded LLM usage, enabling teams to create tailored plugins to access external **APIs (e.g. Jira, SCADA)**

Fidelity Investments   June 2023 – August 2023
Full-Stack Software Engineer Intern   *New York, NY*
- Designed **Wireframes** and Prototypes of a patented Securities Exchange platform with **Figma**
- Launched a **Full Stack** Trading Platform, to exchange **Solidity crypto** tokens, with **Angular** and **Oracle SQL**
- Founded an **NLP** Research Project, with a team of Interns to enhance company operations such as onboarding

Amplify   August 2022 – December 2022
Software Engineer Co-Op   *New York, NY*
- Modernized 3 company projects, by updating old design components in **Figma**, and **integrating** such in **React**
- Refactored **Flask** and **Express.js** APIs, reducing redundancy and response time for **Node.js** middleware by 25%.
- Created a **CI/CD React** app to increase student grades by consulting teams of Data Scientists and UX Designers

Liberty Mutual Insurance   May 2022 – August 2022
Software Engineer Intern   *Indianapolis, IN*
- Developed a **REST API** for Uber, hosted on **AWS API Gateway**, reducing request load time by 35%
- Created **AWS Lambda** Functions for Uber to modify data stored in **AWS Aurora**, decreasing call time by 24%
- Launched an internal advice-sharing app, leading an **Agile** Intern Team as a Project Manager & **UI/UX** Designer
- Reduced Project setup time by 2 hours, by aiding development of an AWS **CDK Constructs Python** template

NYC Office of Technology & Innovation   June 2021 – August 2021
Data Engineer Intern   *New York, NY*
- Sped up Data Retrieval by developing a **Java Spring Boot** REST API to aggregate 23 data sources into 1.
- Designed a **Responsive Angular** app to view data, eliminating the need for users to analyze 100+ JSON files
- Decreased request wait time for a Secure Document Transfer App's REST API by 43%

PROJECTS

Music Soulmate | *Next.js, Spotify API, React, MongoDB, Node, Python (Spotipy)*   June 2023 – Present
- Utilized Spotify API to analyze music taste, and give friend recommendations with a custom made algorithm
- Constructed a full-stack music taste-matching app, applying the Spotify API, OAuth2,MongoDB , and React

AWARDS & LEADERSHIP EXPERIENCE

Awards: 1st place at MLH/RIT Tiger Games Hackathon 2023 (Social Impact), 2nd place at RIT's Datafest Hackathon 2023 (External Data Category), 2nd place in Amplify Company-wide Hackathon (New Innovation Category)
Organizations: Codepath.org Coach (Advanced Software Engineering Class), Microsoft Tech Resilience Program (Mentee), Society of Software Engineers (Tech Lead), Computer Science House, Google Student Developers