Nicholas Zolton

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EDUCATION

University of Texas at Dallas — GPA: 4.0
Bachelor of Science in Computer Science — *December 2024*

TECHNICAL SKILLS

Programming Languages: C#, C++, Java, C, Python, JavaScript, HTML, CSS
Tools/Frameworks: Git, React, React Native, NodeJS, Spring, Docker, Kubernetes, FastAPI, Flask, Svelte

EXPERIENCE

Software Engineer II — February 2025 - May 2025
Walmart Global Tech - Global Workforce Management Analytics Team — *Bentonville, AR*
- Worked on the Global Workforce Management Analytics team to build and deploy core infrastructure for supporting business leadership decisions regarding labor demand and scheduling.
- Spearheaded the integration of Walmart Canada into our analytics architecture for our team, which will save $1,000,000s of dollars in third party contracts going forwards.
- Utilized React and NodeJS to build and maintain a web application with over 60,000+ monthly active users.

Software Engineering Intern — June 2024 - August 2024
Walmart Global Tech - Global Workforce Management Demand Team — *Bentonville, AR*
- Worked on the Global Workforce Management Demand team to build and deploy core infrastructure with Java SpringBoot which helps facilitate the scheduling of 2.3 million associates globally.
- Built a microservice using Java SpringBoot to meet business stakeholder needs, and saved 10s of hours each month of labor which required critical accuracy.
- Reduced tech debt by 30% on all of our teams projects by refactoring and rewriting legacy code, which greatly increased the speed of further development and lowered overall maintenance costs significantly.

Software Development Intern — November 2022 – May 2023
Truist Financial Corporation — *Richardson, TX*
- Developed C# and SQL code using the .NET framework.
- Worked with a production software team on the core infrastructure of the BenefitMall services.

Software Engineering Intern — December 2021 – July 2022
Brains4Drones — *Richardson, TX*
- Managed 2 vital projects for the companies' most recent products and spearheaded the use of Docker to improve code portability.
- Contributed through GitHub to new and existing internal company projects as well as external open source projects including YOLOv5.

PROJECTS

MedMate | *Python, React Native, JavaScript, Flask* — April 2023
- 1st place overall project at Axxess' First Inaugural Hackathon.
- Created a full stack mobile healthcare app using React Native and Flask able to translate important medical knowledge between 40+ different languages.

Redwood | *Python, React, JavaScript, FastAPI* — November 2023
- Finalist project at HackPrinceton 2023.
- Leveraged topological sort to generate a learning path which determines the shortest path of knowledge for users to learn a complex topic using SpaCy.

ACHIEVEMENTS

Google Developer Student Club President	2023 - 2024
HackPrinceton 2023 Finalist	November 2023
Axxess 2023 Hackathon Overall 1st Place	April 2023
HackUTA 2023 Overall 2nd Place	October 2023
WEHack 2023 Hackathon 2nd Place Machine Learning	February 2023
HackRICE 13 Hackathon 2nd Place Environmental Hack	September 2023
UTD Dean's List	2021 - 2024