

Nicholas Zolton

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EDUCATION

University of Texas at Dallas
Bachelor of Science in Computer Science

GPA: 4.0
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 Consultant

August 2024 - Present

Spark Biomedical

Dallas, TX

- Worked alongside a team of 5 engineers to create an API, Database, Web Application, and Mobile Application to facilitate and automate many important business processes such as analytics and user management.
- Architected infrastructure for conducting safe and secure remote clinical trials.
- Developed and maintained extensive documentation while complying with HIPAA regulations and ensuring compliance with all relevant laws and regulations.

Software Engineering Intern

June 2024 - August 2024

Walmart Global Tech

Bentonville, AR

- Utilized Java SpringBoot to build and deploy core infrastructure utilized throughout Walmart's Global Workforce Management systems.
- Worked with business stakeholders to foster learning and integrate a new SDK and framework.
- Developed and maintained core APIs and API documentation used throughout Walmart internationally.

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.

ACHIEVEMENTS

Google Developer Student Club President

2023 - 2024

HackPrinceton 2023 Finalist

November 2023

HackRICE 13 Hackathon 2nd Place Environmental Hack

September 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

1st Place Engineering Capstone Project at UTD

December 2024