TARIQ WILLIAMS

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EDUCATION

Bachelors Degree **2019 - 2023**
Kalamazoo College
GPA: 3.6 *(Cum Laude)*

Majors : Mathematics , Economics
Minor : Computer Science

PROGRAMMING LANGUAGES

Python, Scala , SQL , Rust , R
HTML , JavaScript , CSS

SPOKEN LANGUAGES

English (Fluent)

Spanish (Professional Proficiency)

Patois (Fluent)

German (Beginner)

Korean (Beginner)

SKILLS / TOOLS

Backend Technologies :

Node.js , Express.js , Docker , Akka , Nginx , Prisma , REST APIs

Frontend Technologies :

React , WebGL , Three.js , React three fiber , Tailwind CSS

For Additional information about me, please visit my personal website here:

tariqwill.com

EXPERIENCE

Software Engineer **2023 - Present**
Flextrade Systems

- Developed features for a Python-based calculation service used to deliver risk analytics and financial computations within the OMS Server.
- Built and maintained gRPC API routines enabling seamless integration of calculation results into the main OMS backend.
- Wrote unit tests for calculation workflows to ensure accuracy and reliability of all calculations

Data Analyst Intern **Jun 2022 - Aug 2022**
Eagle Medical Laboratory

- Compiled blood and urine analysis data such as CBC , Urinalysis , and metabolic panels in Microsoft Excel
- Migrated the companies sample inventory database from Microsoft access to SQL

PROJECTS

Three.js Personal Website **2024 - Present**
TypeScript , SQL , HTML , GLSL

- Built an interactive **3D environment** with **React Three Fiber** and **Three.js**, featuring real-time animations and custom **3D** components.
- Developed a **Node.js** + **Express.js** backend serving live GitHub, chess, and stock data via **REST APIs**; containerized with **Docke**r and deployed using **Nginx**.
- Designed a 3D city model and interactive props in **Blender** with animations and basic physics.

LeetCode Progress Dashboard **2023 - 2025**
TypeScript , HTML , CSS

- Built a live dashboard to track LeetCode progress, including performance across algorithm types, consistency metrics, and average solve times by category.

*You can view source code for these projects here : https://github.com/Tarblux