Samuel Torres

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EDUCATION

Texas A&M University — College Station, TX
Bachelor of Science in Computer Science, Minor in Business — *May. 2024*
- Completed Data Structures and Algorithms, Computer Organization, and Compiler Design
- Cumulative GPA 3.927

EXPERIENCE

Netflix — May 2023 – Aug. 2023
Software Engineering Intern — *Los Gatos, CA*
- **Technologies:** Java, Kotlin, SpringBoot, Temporal, GraphQL, React, DGS
- Contributed **300+ peer-reviewed lines of code** to internal cloud deployment software used by 1000+ engineers.
- Collaborated with a UX design team for adding a cluster health preview feature for the Managed Delivery team.
- Enhanced validation for deployment configuration schema by incorporating user support ticket-derived test cases.

TAMU Sketch Recognition Lab — May 2022 – Aug. 2022
Research Assistant — *College Station, TX*
- **Technologies:** React, SQL, Google OAuth, tRPC
- Rewrote the backend API to enforce type safety and Single Sign On for **hundreds of students and teachers.**
- Crafted intricate CRUD pages, offering seamless user setting modifications through interactive forms and modals.
- Played a pivotal role in team coordination by planning sprints and collaborative initiatives to drive project success.

KANM Student Radio — August 2021 – Present
Server Architect — *College Station, TX*
- **Technologies:** Ruby on Rails, Angular, Next.JS, Linux, IceCast, Node.JS, Docker, PHP
- Orchestrated continuous operation of a Linux server responsible for radio streaming and web hosting.
- Spearheaded the establishment of a web design committee to modernize the organization's online presence.
- Directed and mentored a team of **13 engineers** with varying experience levels by leading productive sprints.

Arena Energy — June 2021 – August 2021
IT Intern — *The Woodlands, TX*
- **Technologies:** .NET, SQL, C#, PowerBI, SSRS
- Developed a full-stack web application to enter and update personnel safety data for **30+ offshore structures**.
- Trained developers in Git source control for the collaborative development of internal applications.
- Created three stylized reports using SQL Server Report Services (SSRS) to easily format database queries.

PROJECTS

Home Media Server | *Docker, Linux*
- Maintained a Linux Server with over 12 Docker containers to manage applications serving a storage array of 11TB.
- Implemented remote VPN access, video game servers, media streaming capability and Linux virtual machines.
- Repurposed old computer parts to use as inexpensive server hosting hardware to reduce e-waste.

Bitjockey | *Next.JS, Docker, OAuth*
- Led the technical and planning effort to develop a music library streaming service for amateur radio stations.
- Maintained iterative product development life cycle to improve the product for **over 100 concurrent users**.
- Streamlined the development experience through a unit test suite, build checks and containerizing deployment.

TECHNICAL SKILLS

Languages: Python, Java, Kotlin, C/C++, SQL, JavaScript, HTML/CSS, TypeScript
Frameworks & Libraries: React, Node.js, Express.js, Next.js, Mockito, gRPC, REST API, Jest, GraphQL, SpringBoot
Developer Tools: Git, GitHub, Gradle, Postman, IntelliJ, VS Code, PyCharm, Eclipse, Jupyter Notebook, Docker, Vim