Tariq Rahman

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EDUCATION

University Of California, Los Angeles — Los Angeles, CA
Bachelor of Science in Computer Science — *June 2024*
- GPA: 3.62
- Coursework: Data Structures, Algorithms and Complexity, Operating System Principles, Software Construction, Introduction To Artificial Intelligence

EXPERIENCE

Software Engineering Intern — June 2023 – Present
Dallas Mavericks — *Dallas, TX*
- Developed fluid component hierarchies to create dashboards in React for use by the Front Office
- Wrote AWS Lambda functions and SQL queries to streamline data accessibility to front-end applications
- Collaborated with coaching staff and scouts to refine designs and maximize usability

Front-End Developer — April 2023 – June 2023
UCLA DevX — *Los Angeles, CA*
- Designed and implemented nested-component interfaces using TypeScript in React
- Contributed to the User-Registration Service by implementing REST endpoints within Java's Spring Boot framework
- Documented Jira tickets and orchestrated Agile workflows within BitBucket

Software Engineering Intern — May 2022 – Sept. 2022
Daily Bruin — *Remote*
- Utilized the MERN stack to construct an identity management service that enables authenticated access to restricted features
- Engineered static web-components in GrapesJS, providing news editors with intuitive drag-and-drop capabilities
- Refactored Node.js REST endpoints to optimize performance across the network

Software Engineering Intern — Jan. 2022 – Sept. 2022
Rainsphere.ai — *Redwood City, CA*
- Built a full-stack Marketing-Self-Serve (CMS) application with Strapi, Postgres, Next.js, and Docker
- Managed GCS infrastructure to optimize cloud data organization and security
- Developed a dynamic SDK of custom components used throughout the core platform

PROJECTS

Pied Piper 2.0 | *React, NextJS, NextAuth, MongoDB, Tailwind CSS, Git* — Jan. 2023 – Mar. 2023
- Developed a full-stack web application as a social networking platform based on music preference
- Leveraged NextAuth to implement an identity management service
- Integrated Spotify Web API endpoints to extract user data into database upon authentication
- Wrote logic to persist user log-in state while limiting the scope of authorized access

Flappy Bruin | *JavaScript, TinyGraphics, HTML, Git* — Sept. 2022 – Dec. 2022
- Developed a three-dimensional rendition of Flappy Bird utilizing TinyGraphics WebGL library
- Implemented various computer graphics fundamentals including texture mapping and collision detection
- Designed multiple points of view to enable both first and third person gameplay using matrix manipulation

T-Term | *React, NextJS, Tailwind CSS, Git* — May 2022 – June 2022
- Designed a command-line interface in the browser to emulate a classic terminal environment
- Wrote custom commands to navigate my portfolio using React-Terminal

TECHNICAL SKILLS

Languages: Javascript, Python, C, SQL, HTML/CSS, TypeScript Lisp, Shell Script
Frameworks: React, Node.js, Tailwind CSS, MUI, NextJS, GrapesJS, Storybook, Django
Tools: Git, Docker, Kubernetes, GCS, AWS, Jira, Notion, Vercel, Netlify