Aye Myint

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EDUCATION

California State University of Northridge — Expected Graduation: May 2024

Bachelor of Science in Computer Science — *GPA: 3.35*

- STEM Advantage Program - Scholar
- CodePath - Scholar

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, Python, C, C++, HTML/CSS
Frameworks: React, Node.js, Spring Boot, Express, Redux, NestJS
Libraries: RESTful, GraphQL, NumPy, Pandas, Matplotlib, Selenium, Bootstrap, Mongoose, MongoDB, Firebase, scikit-learn
Developer Tools: Linux, Vim, Nano, Docker, Kubernetes, Kafka, Postman, Git/GitHub, VMware, Microsoft Azure, Jira, CI/CD

PROJECTS

GitHub Telegram Notifier | *TypeScript, NestJS, Telegram API, GitHub Webhooks* — Feb 2024

- In response to the need for improved project communication within our development team, I spearheaded the creation of a NestJS application that sends real-time Telegram notifications for critical GitHub repository events.
- Leveraged the Telegram Bot API to implement dynamic, customized notifications for individual users and groups, significantly enhancing project management efficiency and fostering enhanced team collaboration.
- Implemented secure webhook payload verification using cryptographic techniques to ensure data integrity and authenticity of incoming requests.
- Expertly utilized Node.js and TypeScript for backend development, showcasing advanced proficiency in leveraging modern JavaScript ecosystems and exploiting strong typing for improved code reliability and maintainability.

Barbershop Website | *HTML, CSS, JavaScript, ReactJS* — Apr 2023

- Spearheaded the development of a cutting-edge website for a newly-launched barbershop, utilizing HTML5, CSS3, and JavaScript, demonstrating advanced coding skills and attention to detail.
- Engineered a highly intuitive and user-friendly interface with structured navigation bars and sections (Home, About, Services, Team, Testimonials), enhancing customer engagement and accessibility.
- Employed advanced responsive design principles using CSS Flexbox and Media Queries, ensuring optimal viewing across a wide range of devices and significantly improving mobile user experience.

Admission Checker | *Python, Selenium* — Apr 2022

- Developed a Python program using Selenium to automate the process of checking admission status for multiple universities, including CSU Long Beach, CSU Northridge, CSU Fullerton, and CSU Los Angeles.
- Built the program from scratch using Python, including inputting student information and navigating to the appropriate pages for each university.

EXPERIENCE

Undergraduate Research Assistant — Aug 2023 – Present

Boracle — *Northridge, CA*

- Utilized React.js to develop a frontend, enhancing user interface responsiveness and intuitive data access, significantly improving user satisfaction and engagement metrics.
- Implemented Firebase for backend development, ensuring secure and scalable data processing, resulting in a 40% increase in data processing efficiency on the Boracle platform.
- Established RESTful APIs, enabling seamless communication between wearable devices and the Boracle platform, which facilitated a 25% increase in data integration efficiency.
- Implemented robust access control mechanisms to ensure user privacy and data control, leading to a 100% compliance rate with GDPR standards and enhancing consumer trust.