

Aye Myint

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EDUCATION

California State University of Northridge

Expected Graduation: May 2024

Bachelor of Science in Computer Science

- 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 launched 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 SHA256 hashing for secure webhook payload verification, ensuring data integrity and enhancing system security.
- Utilized **Node.js** and **TypeScript** for backend development, showcasing advanced proficiency in leveraging modern JavaScript ecosystems.

Barbershop Website | *HTML, CSS, JavaScript, ReactJS*

Apr 2023

- Developed a responsive Barbershop Website using **HTML5**, **CSS3**, and **JavaScript**, significantly enhancing user engagement and accessibility across devices.
- Engineered a user-friendly interface with advanced responsive design principles.
- 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

- Developed a **React.js**-based frontend for Boracle, boosting user interface responsiveness by 40%, leading to enhanced user satisfaction and engagement.
- Established **RESTful APIs**, enabling seamless communication between wearable devices and the Boracle platform, which facilitated a 25% increase in data integration efficiency.
- Developed user opt-in data sharing features using **OAuth2.0** for authentication and **JWT** for session management, enabling an anonymized dataset accessible via secured APIs.
- Played a key role in designing and utilizing a **microservice** architecture, using **Java Spring Boot** and **Maven** for backend services, and **Firebase** for database management.