

# NYI NYI MOE HTET

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## SUMMARY

Detail-oriented Computer Science student proficient in React.js, Typescript, and Node.js, maintaining a 3.95 GPA. Demonstrated leadership in a team of four, creating a vision-impaired-tailored Trivia Game that secured 2nd prize at the 2024 CSUN Accessibility Coding Competition.

## EDUCATION

### **Bachelor of Science in Computer Science**

California State University, Northridge, GPA 3.95

Expected Graduation Date: Dec, 2024

- Relevant coursework:

Software Engineering Management      Advanced Web Development      Advanced Data Structures

## SKILLS

React.js	Node.js	MongoDB	Accessibility	HTML / CSS
Typescript	RestAPI	Github	Jira	Java

## PROJECTS

### **Web-based Trivia Game** (React + Typescript, Node.js)

- Led a team of four to develop a React Trivia Game tailored for vision-impaired individuals
- Achieved the 2nd Prize in the 2024 SS12 CSUN CECS Accessibility Coding Competition
- Developed reusable React components and custom hooks, adhering to the DRY principle

### **Online Hotel Reservation Web App** (React.js, Node.js)

- Ensured a responsive layout for diverse screen sizes through CSS Flexbox and Grid
- Optimized state management with React Context API
- Implemented a backend with Node.js, incorporating JSON Web Token (JWT) for user authentication
- Used MongoDB as a cloud database to store user data and manage blacklisted access tokens

### **Voice Pronunciation Analysis Web App** (React.js, Django)

- Led a team of four in creating a web app that analyze user's voice and provide feedback on pronunciation
- Integrated Google Text to Speech API, React Speech Recognition and Microsoft Azure Speech Analysis
- Utilized Jira as the project management tool for planning, tracking, and managing project tasks

## EXPERIENCE

### **Instructional Student Assistant**, California State University, Northridge

Oct 2023 – Dec 2023

- Tutored CS students and prepared example programs in Java to support their understanding

### **Frontend Developer**, Luna Tech (Student-run Project) – Northridge, CA

May 2023 – Aug 2023

- Created an interactive web app for managing CSUN Senior Design Projects using React
- Collaborated with back-end developers to ensure smooth data flow and synchronization

### **Teaching Assistant**, American University of Yangon – Yangon, Myanmar

Aug 2021 – Dec 2021

- Assisted students individually or in groups with assignments and exam preparation