

Aung Nanda Oo

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EDUCATION

San Jose State University

Bachelor of Science in Computer Science,

San Jose, CA

Sep 2026 – Dec 2027

City College Of San Francisco

Associate's of Science in Computer Science

San Francisco, CA

Jan. 2024 – Jun 2026

EXPERIENCE

Teaching Assistant

City College Of San Francisco

August 2024 – Present

San Francisco, CA

- Provided **tutoring** to **200+** students in Computer Science, improving achievement scores by **90%**.
- **Reviewed** assignments, **built** healthy relationship and **helped** students in programming fundamentals across **JavaScript, Java, Python, and C++**.

Full Stack Developer Intern

Creative Coder Myanmar

Sep. 2024 – Oct 2024

Myanmar, Yangon, Remote

- **Collaborated** with **Burmese mentors** to implement a **full-stack recipe website** using **MongoDB, Express.js, Node.js** for **backend** and **React & Tailwind CSS** for **frontend**.
- **Built secure authentication system** using **JWT tokens** for login/out and **bcrypt package** for password encryption, ensuring **customer security concern**.
- **Optimized email processing** with the **queue-bullet package** and integrated **Mailtrap** for **automated marketing email**, reducing **task load times** by **90%** and boosting **user engagement** by **99.9%**.

PROJECTS

BurmeseEduGuide LLM APP | Github | Python, Streamlit, Firebase, Github Vector DB May 2024 – June 2024

- Developed a full-stack web application using Streamlit and Python to assist Burmese students in academic planning.
- Secured user authentication with **Firebase**, enabling safe login/out and signup.
- Integrated an AI chatbot with **Gemini LLM API** to provide educational support.
- Successfully implemented **RAG pipeline**, resulting in generating **99.9%** accurate responses to user prompts.

Python Autotask Software | Github | Python, Pandas, Git

April 2024 – May 2024

- Engineered a **Python** script using **pandas** to automate data manipulation, reducing **manual effort** by **90%** across **Microsoft Excel datasets**.
- Improved data processing **workflow accuracy** to **user-customized Excel templates** by **100%**, impacting **Project Coordinator** operations.

Advanced Tic Tac Toe Game | Github | Java, Algorithm + Pattern Recognition

Feb 2024 – March 2024

- Created a dynamic Tic Tac Toe game in **Java** with a 2D array-based board and efficient **winner-checking algorithms**.
- Implemented advanced game logic to predict potential **draw scenarios** before the board is **full**, enhancing game flow and UI/UX.

Library Website | Github | JavaScript, React, Firebase

June 2024 – August 2024

- Built a web-based **library management system** using **React** for a dynamic front-end, with **CRUD functionality** (Create, Read, Update, Delete) for books, authors, and categories.
- **Integrated Firebase** for robust data storage, retrieval, and real-time synchronization using **onSnapshot** feature.

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, HTML/CSS, Tailwind CSS, Linux

Software: MongoDB, Express.js, React, Node.js, Streamlit, Git, Firebase, VS Code, PyCharm, Eclipse, pandas, NumPy, Matplotlib, Gemini API, Figma