

Aung Bo Bo

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EDUCATION

San Jose State University

December 2026

Bachelor of Science in Computer Science

GPA: 3.77/4.0

- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Software Engineering, Artificial Intelligence, Server-Side Web Programming, Advanced Python

EXPERIENCE

Software Engineer Intern

October 2025 - Present

Xtatic

Saratoga, CA

- Initiated and leading to rebuild and modernize the company website using React, Next.js, Tailwind CSS, and Typescript
- Implementing CRM integration and performance optimizations to improve client engagement and data management
- Collaborating closely with the CEO to align technical features with business and user goals

Backend Developer

March 2025 - September 2025

Trekteria

Remote

- Built the backend for an AI camping planner app using Supabase to scale the MVP for a 5x increase in user load
- Integrated 10+ RESTful APIs to streamline data flow and enhance core features, improving performance and reliability
- Enhanced data consistency and speed by building a SQLite cache and achieved 99.9% uptime and offline access

PROJECTS

Jade.AI | Cal Hacks 12.0 | *Python, FastAPI, Groq, Pandas, Chart.js, Next.js*

- Engineered an AI data analysis tool to clean, analyze, and visualize data using simple English, reducing 70% of manual time
- Optimized backend performance using Groq and FastAPI, achieving 5x faster response times for real-time AI interactions
- Won "Best Use of Groq" prize, placing 1st out of 73 competing teams

YuCode | HackMIT 2025 | *Python, Flask, Next.js, Claude API, Vercel*

- Built an AI-native technical interview prep tool that provides real-time feedback on both code and thought process
- Integrated LLM for adaptive grading and communication skills, saving an average of \$150 per mock interview session
- Recognized by judges as "Most Creative Project" for innovative AI-driven design

Gita | AI Hacks 2025 | *Python, FastAPI, Supabase, GCP, Google ADK, Groq*

- Developed an AI-powered music generation platform utilizing Python and FastAPI with modular backend architecture
- Orchestrated 4+ scalable microservices with Google ADK framework for distributed multi-agent systems
- Accelerated real-time inference by 40% through Google Lyria integration and Groq hardware optimization

SJ Snap | SJ Hacks 2025 | *Next.js, Supabase, Google Gemini API, Mapbox*

- Refactored the backend architecture for service request system with Supabase for faster data retrieval and issue tracking
- Leveraged Google Gemini API for real-time report validation and QA, cutting manual review time from 1.5min to 30s
- Improved geolocation accuracy by 25% with Mapbox spatial processing and automated email service with EmailJS

StockSearch | *Python, Flask, SQLite, Docker, Unicorn, AWS, RESTful API, CI/CD*

- Created a real-time stock analytics platform with Python and Flask, containerized with Docker for cross-platform deployment
- Scaled backend system to support 5x more users by configuring multi-process concurrency with Unicorn on AWS EC2
- Designed a low-latency, high-throughput systems by using a SQLite cache, achieving 50% fewer API calls

ACHIEVEMENTS

Terac Coding Challenge

- Placed 2nd out of 100+ participants for implementing an optimized data structure and algorithm solution under time constraints at Cal Hacks 12.0.

TECHNICAL SKILLS

Languages: Python, Java, Javascript, Typescript, C/C++, SQL, HTML/CSS

Frameworks: FastAPI, Flask, Node.js, Express.js, Next.js, React, React Native

Tools: Git/GitHub, Linux, Docker, AWS, GCP, RESTful APIs, Postman, MySQL, SQLite, Supabase