

# The Nu Zaw

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## Education

**San Jose State University** - San Jose, CA  
Bachelor of Science (Computer Science)

**December 2026**  
GPA: 3.9

**De Anza College** - Cupertino, CA  
Bachelor of Science (Computer Science)

**June 2024**  
GPA: 3.8

## Relevant Coursework

Data Structure and Algorithm, Object Oriented Design, Operating System, Computer Architecture, Software Engineering, Database Management System, Programming Paradigms

## Technical Skills

Programming Languages:	Java, C/C++, Python, JavaScript
Web Development:	HTML, CSS, React, Node.js, Express, JSP, Java Servlet
Databases:	MySQL
Tools & Platforms:	Git, Linux, JavaFX, PyTorch, Scikit-learn

## Projects

### Paw Caelum

**June 2025 - August 2025**

- Built a Tomcat-based dog-walking platform that manages request flows between owners and walkers, designing reliable backend logic using Maven-packaged Java Servlets, JSP, and MySQL.
- Designed and normalized 10 relational tables in MySQL Workbench, applying analytical reasoning to eliminate redundancy, improve query efficiency, and support scalable data storage for 1,000 records.
- Implemented 12+ functional modules with debugging and profiling to diagnose and remove performance issues.
- Added role-based authentication and validation rules to ensure secure and consistent transaction behavior across the system.

### Faculty Ease

**January 2025 - May 2025**

- Developed a modular JavaFX desktop app for semester, time-slot, and office-hour management, applying problem-solving to structure multi-steps workflows.
- Implemented MVC architecture with JavaBeans, Controllers, and CSV storage for maintainability and clean separation of concerns.
- Built real-time validated workflows to detect and prevent conflicting entries and improving accuracy and usability.
- Collaborated in a team of four using Git, debugging, and UML diagrams to resolve design issues and maintain code quality.

## Work Experience

### Marketing Director, Web Programming Club, De Anza College

**November 2022 - May 2024**

- Served on the first leadership team of the Web Programming Club, helping launch a campus organization to students interested in web development.
- Worked collaboratively with fellow officers to define the club's mission, plan initial activities, and increase campus awareness among peers.
- Helped organize and support multiple beginner-friendly learning events, including hands-on sessions introducing HTML/CSS and group problem-solving in JavaScript.
- Promoted club participation to 70+ students through class announcements and peer-to-peer outreach, encouraging engagement from students with diverse backgrounds.
- Fostered an inclusive and welcoming environment, identifying barriers for beginners and adjusting event structure to improve participation.