

# Thel Nu Zaw

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## Education

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

**August 2024 - Present**  
GPA: 3.9

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

**September 2022 - June 2024**  
GPA: 3.8

## 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

## Projects

### Faculty Ease

**January 2025 - May 2025**

- Designed and developed a modular JavaFX desktop app that allows faculty to define semesters, manage time slots, enter course details, and schedule office hours through a homepage-driven interface.
- Implemented MVC architecture with JavaBeans, Controllers, and CSV storage to ensure clean separation of concerns and scalable design.
- Built CRUD functionality with real-time validation, enabling faculty to add, edit, search, and delete appointments directly from a unified interface.
- Enhanced usability with TableView sorting, responsive navigation, and intuitive homepage-driven workflows.
- Collaborated in a team of four using Git and IntelliJ IDEA, maintaining code quality and documenting with UML diagrams.

### Paw Caelum

**June 2025 - August 2025**

- Built and deployed a full-stack web app on Tomcat 9 using Java Servlets, JSP, HTML/CSS/JavaScript, and MySQL, packaged with Maven.
- Designed and normalized 10 relational tables in MySQL Workbench, scalable to 1,000 rows, and implemented secure authentication with role-based dashboards and session handling.
- Developed 12+ functional modules including dog profile CRUD with photos, walk request workflows with real-time status updates, favorites, rating, filtering/search by size/price/ZIP.
- Applied validation and data-integrity rules such as restricting edits/deletes on active requests, ensuring consistent user experience and reliable transaction workflows.

## Work Experience

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

**November 2022 - May 2024**

- Contributed to the first leadership team of the Web Programming Club, supporting its launch to serve 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 5+ 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 for newcomers to coding, contributing to a 30% growth in active membership.