

# Mark Celemen

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## EDUCATION

### De La Salle University

Sep 2022 – Present

*B.S. Computer Science, Major in Software Technology, Minor in Data Science*

*Malate, Manila*

**Awards:** Consistent Dean's Lister, LSCS Term 2 Top 1 Officer (1st out of 99), PTS Tutor's Tooltips 1st Place

**Relevant Coursework:** Data Structures and Algorithms, Software Engineering, Web Application Development, Database Management Systems, Object-Oriented Programming, Computer Networks, Artificial Intelligence

## SKILLS

**Languages:** C, Java, Python, JavaScript, HTML & CSS, SQL

**Technologies & Databases:** Node.js, Express, React, Flask, Bootstrap, MongoDB, MySQL, PostgreSQL

**Tools:** VS Code, Git, GitHub, GitLab, Jira, Figma, Render, Vercel, Docker, MS Office, Google Workspace

**Soft:** Leadership, Communication, Collaboration, Detail-oriented, Adaptability, Problem-solving, Analytical Thinking

## PROJECTS

### SlipStream | *Software Engineering* | [GitHub Link](#)

- Managed an 8-member team as Scrum Master, achieving a 97% peer evaluation by leading sprint ceremonies and Jira-based workflows to improve delivery efficiency while mentoring teammates into PO and QA roles
- Developed a MERN-based workforce management system, automating employee record-keeping and attendance slip processing to streamline HR workflows for an educational institution with 100+ employees

### DLSU Eatery Pathfinder | *Artificial Intelligence* | [GitHub Link](#)

- Created an AI-powered navigation system using UCS and A\* for optimal eatery routing via multi-criteria scoring
- Built interactive map visualization with real-time state and goal updates using Bootstrap, Python, and JavaScript

### rabble\* | *Web Development* | [GitHub Link](#)

- Developed a full-stack forum app that handles CRUD operations, user authentication, and search functionality
- Styled frontend with HTML & CSS, JavaScript, and Figma, and deployed on Render for public access
- Optimized RESTful APIs with Node.js, Express, and MongoDB, and handled pull requests and merge conflicts

### Library Management System | *Harvard CS50x* | [GitHub Link](#)

Dec 2024

- Streamlined management of 100 library records with a user-inventory system using Flask, SQL, and HTML & CSS

## EXPERIENCE

### Tutor

Oct 2024 – Present

*DLSU Peer Tutors Society*

*Malate, Manila*

- Improved programming fundamentals for 300+ students, achieving a 9.5/10 rating, through group study sessions
- Optimized tutoring methods, resulting in a 9.8/10 overall rating, through feedback data analysis and reporting

### Information Technology Specialist

Jan 2024 – Present

*C & L Debt Collection Services*

*Bagong Pag-asa, Quezon City*

- Ensured accuracy for 30+ company client datasets through meticulous data cleaning & organization in Excel
- Increased team efficiency by 70% by training staff on MS Office skills and troubleshooting IT issues

## EXTRACURRICULARS

### Vice President of External Affairs | *DLSU Peer Tutors Society*

Sep 2025 – Present

- Directed a network of 115 tutors and 40 officers, serving as mentor, motivator, and team-builder

### Project Head & Event Host | *ReduceRisk(): Risk-Reduction Workshop*

Feb 2025 – Apr 2025

- Coordinated a 12-member team to distribute 60 first-aid kits to 39 barangay locals using project management

### Team Leader of University Relations | *HackerCup 2024*

Feb 2024 – Jul 2024

- Led a 5-member team to secure 6 partnerships—including a top media partner—through targeted email campaigns
- Enhanced outreach potential by 71% by increasing the prospect database through research and data collection