Mark Edrian D. Celemen

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EDUCATION

De La Salle University - Manila | *Malate, Manila*   Sep. 2022 – Present
- Bachelor of Science in Computer Science, Concentration: Software Technology, Consistent Dean's Lister.

San Francisco High School | *Bago Bantay, Quezon City*   Jun. 2018 – Jun. 2022
- Junior and Senior High School, Graduated with Honors, Consistent with Honors from Grades 9 to 12

EXPERIENCE

IT Specialist | *C&L Debt Collection Services*   Jan. 2024 – Present
- Maintained structured datasets for 30+ clients to ensure 99% data accuracy and integrity via data wrangling in Excel.
- Improved team productivity and workflow by training employees on key Microsoft Office and Google Workspace skills.
- Reduced resolution time by 70% by troubleshooting IT hardware and software issues and guiding non-technical users.

PROJECTS

rabble* | *Web Application Development Course, GitHub Link*   Jan. 2025 - Apr. 2025
- Developed a full-stack forum app with user authentication and interactions using Node.js, Express, and MongoDB backend.
- Designed the frontend with HTML, CSS, and Figma and deployed the demo app on Render for public access.
- Built RESTful APIs, reviewed code via pull requests, and resolved merge conflicts for seamless integration.

Library Management System | *Harvard CS50x, GitHub Link*   Dec. 2024
- Developed a full-stack CRUD app to streamline operations by connecting Flask routes with a normalized MySQL schema.
- Improved user experience and accessibility by designing a responsive UI with HTML and CSS.

Guessing Patterns in Multiple-Choice Exams: A Quantitative Study | *Statistics Foundation Course*   Sep. 2023 - Dec. 2023
- Led a team of 7 to survey 60 students and analyze data with Chi-Square, Correlation, and Linear Regression using PHStat.
- Cleaned and processed 720+ data points to perform hypothesis testing and calculate confidence intervals.
- Revealed key trends between guessing behavior and student performance through data visualizations and statistical analyses.

RELEVANT EXTRACURRICULARS

Associate Vice President of Socio-Civic| *La Salle Computer Society*   Sep. 2024 – Aug. 2025
- Managed 9 projects from planning to execution, including venues, timelines, scripts, slides, materials, and hosting.
- Completed documentation for 3 projects such as project proposals, activity approval forms, reports, or attendance sheets.
- Boosted event visibility by submitting 8 publicity material requests with content, captions, and an edited video.

Team Leader of University Relations | *Hackercup 2024*   Feb. 2024 – Jul. 2024
- Led a team of 5 to secure 6 partnerships to boost event visibility through a targeted email campaign via Gmail and Sheets.
- Contacted and liaised with 68 potential partners by using a potential partners database, email templates, and Mail Meteor.
- Improved outreach potential by 71% by increasing the prospect database through research and data preprocessing.

Head of Operations & Student Ambassador | *World Vision Philippines*   Nov. 2023 – Jun. 2024
- Led a team of 4 to facilitate procurement, on-time setup, and troubleshooting of technical equipment and event materials.
- Ensured 100% operational coverage and generated financial statements by auditing and calculating donations and expenses.
- Raised ₱3,000 and secured 4 performers and 3 speakers using a curated partnership database and tailored email campaigns.

CORE SKILLS

- **Languages:** C, Java, Python, HTML, CSS, JavaScript
- **Databases:** MongoDB, MySQL
- **Libraries/Frameworks:** jQuery, Mongoose, Node.js, Express.js, Bootstrap, Flask
- **Tools:** VS Code, Git, Figma, Render, Microsoft Office/Google Workspace

AWARDS AND HONORS

- **Math Competitions:** HCA Rubik's Cube Battle Champion (2017), 2-Time SFHS Rubik's Cube Challenge 3rd Placer (2019 & 2020), SFHS Math Team Quiz Bee 4th place (2019), SFHS Mathira Matibay Semifinalist (2021)
- **Language Competitions:** SFHS Literature and Language Quiz Bee Champion (2021), DepEd EdTech Review Game 1st Place (2021), DepEd EdTech Most Creative Group Output (2021)
- **Organizational Awards:** 2-Time LSCS Top 1 Socio-Civic Officer (2024 & 2025), PTS Tutor's Tooltips 1st Place (2025)