

Claire Antonette Mendoza

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[LinkedIn](#) | [GitHub](#) | [Website](#)

Education

Mapúa University Makati

Makati City, Metro Manila

Bachelor of Science in Computer Science, Specializing in A.I | Expected October 2026

- **Relevant Coursework:** Human-Computer Interaction (HCI), UI/UX Design and Research, Web Systems, Machine Learning, Natural Language Processing, Software Engineering

Skills

- **HCI, UI/UX & Systems Design:** Figma, Framer, High-Fidelity Prototyping, Wireframing, Enterprise Dashboard Design, Layout & Visual Hierarchy, User Research (Qualitative/Quantitative), Design Systems, WCAG Accessibility, Information Architecture
- **Full-Stack & Software Engineering:** JavaScript, Node.js, Express.js, HTML/CSS, Python, SQL, PostgreSQL, REST APIs, Git/GitHub, Version Control, System Architecture, QA Testing & Usability Audits
- **A.I, Data & Business Intelligence:** Scikit-learn (ML), Predictive Modeling, Power BI, Data Visualization, Quantitative Behavioral Analytics, Business Intelligence

Professional & Academic Projects

Project AGOS | Lead UI/UX Designer & Front-End Developer | [\[Case Study\]](#) |

- Designed and developed a comprehensive dual-portal web system, creating seamless digital interfaces for both a consumer-facing User Portal and a data-heavy Admin Dashboard.
- Enforced design systems scalability by executing front-end code deployments, reducing layout fragmentation and accelerating engineering handoff timelines.
- Conducted front-end QA testing and established strict UI/UX principles (layout, hierarchy, consistency) to optimize the governance and tracking of the admin dashboard.

Cocopan Data Analytics Platform | Full-Stack Engineer Collaborator | [\[GitHub Repo\]](#) |

- Partnered directly with the CEO and Lead Software Engineer to design and code an exclusive data analytics and CV-exporting web platform.
- Designed high-density interactive dashboards using human cognitive-load principles, transforming complex datasets into scannable UI components to improve executive decision-making speed.

Tyche Nails Enterprise Dashboard and E-Commerce App | Full-Stack Engineer | [\[Case Study\]](#) |

- Designed, engineered, and deployed an end-to-end digital workplace tool (salon management dashboard) for a real-world local business to streamline their booking and data analytics processes.
- Drove AI initiatives by developing and integrating a machine learning model (Scikit-learn) that predicted client no-shows with 89% accuracy, transforming technical research into a functional business tool.
- Designed an embedded Power BI tracking interface to monitor KPIs, ensuring the end-user experience was visually consistent and highly actionable.

Loop | Lead UI/UX Designer & HCI Researcher | [\[Case Study\]](#) |

- Led the end-to-end design prototype for a campus-exclusive P2P resource exchange platform, applying sustainable circular economy principles to solve the student "resource paradox".
- Designed a high-fidelity prototype featuring a "Swipe-to-Trade" card-stack interface and smart-match algorithm, utilizing Shneiderman's Eight Golden Rules to optimize discovery and minimize user choice paralysis.
- Architected a "Zero-Trust" security framework integrating Mapúa institutional SSO verification and a self-regulating Karma reputation system, resulting in a high System Usability Scale (SUS) learnability score of 4.55/5.
- Conducted empirical usability testing with a cohort of 20 participants to analyze cross-campus social trust factors, validating that the interface established a "safe space" for peer-to-peer transactions.

Certifications

Visual Elements of User Interface Design by CalArts | Coursera

July 25, 2025

- Learned how to design and articulate meaning using color, type, and imagery is essential to making interfaces function clearly and seamlessly. | [\[Link to Certificate\]](#)

Software Development Processes and Methodologies by University of Minnesota | Coursera

August 2, 2025

- Compare and contrast traditional, agile, and lean development methodologies at high level. These include Waterfall, Rational Unified Process, V model, Incremental, Spiral models and overview of agile mindset. | [\[Link to Certificate\]](#)