

Mark Nicholas L. Cagas

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EDUCATION

University of the Philippines Diliman

BS Computer Engineering. DOST Scholar

- Relevant Coursework: Algorithms and Data Structures, Object-Oriented Programming, Software Engineering, Cloud Computing, Web Development

Cumulative GWA: 1.3485 | GPA: 3.42

September 2021—July 2025

Manila Science High School

Graduated with High Honors. Rank 9/207

- Highest Extracurricular Distinction. Computer Society President. Science Club Vice President

Final GPA: 97.2

June 2015—July 2021

TECHNICAL SKILLS

Programming: C, C++, Java, PHP, Python, Rust, JavaScript, TypeScript, Dart (Flutter SDK), MATLAB, Solidity, SQL

Frameworks & Libraries: React, Svelte, jQuery, CSS (Bootstrap, Tailwind CSS), Pandas, Matplotlib, OpenCV, NumPy

Tools: Docker, Microsoft Office, Adobe Creative Cloud, Figma, Wix, Webflow, Git/GitHub, Visual Studio Code, Anaconda, Jupyter, Google Collab, Zapier, Airtable, Hardhat, Windows Subsystem for Linux

Certifications: National Olympiad in Informatics, DataCamp's Data Science with Python, GCPinas Google Cloud Platform, Philippine Android 2020, Shopee Code League 2020, Arbitrum Blockchain Developer

Design Portfolio: Behance([behance.net/gallery/193530817/Design-Portfolio](https://www.behance.net/gallery/193530817/Design-Portfolio))

Platforms: Google Cloud(bit.ly/nico-google-cloud), HackerRank(bit.ly/nico-hackerrank), Github(github.com/nic0-dev)

WORK EXPERIENCE

GCASH (MYNT – GLOBE FINTECH INNOVATIONS INC.)

Operations & Technology Full Stack Developer Intern

Taguig City, Philippines

July 2023—September 2023

- Spearheaded the development of a loan management system for Mynt and Fuse Lending, improving GLoan audit efficiency by 30% and eliminating the need for third-party apps, significantly reducing operational costs.
- Streamlined CI/CD processes and employed test-driven development, decreasing post-deployment issues by 25%

LEADERSHIP & PROJECTS

UP CAREER ASSISTANCE PROGRAM FOR ENGINEERING STUDENTS

UI/UX Lead

Quezon City, Philippines

August 2022

- Directed the design and development of the registration and newsletter system for the UP CAPES website, boosting user interaction by 40%.

UP ENGINEERING FRESHIE COUNCIL

Electrical and Electronics Engineering Institute (EEEI) Representative

Quezon City, Philippines

October 2021—August 2022

- Established data management protocols for events, improving the organization and accessibility of information for over 1,500 Engineering Freshies, Shiftees, and Transferees.

UP JUNIOR FINANCE ASSOCIATION

Web Design Director

Quezon City, Philippines

December 2021—June 2022

- Developed and deployed a finance education platform for the Philippine Financial Summit 2022 with a full suite of finance courses—including Personal Finance and Foundations of Investing, attracting over 3,000 active users.
- Implemented interactive assessments and gamified user progress to foster engagement, resulting in a 60% increase in course completion rates.

COVID-19 SAFETY SOLUTIONS CHALLENGE

IoT Systems Administrator and Full Stack Developer

Manila City, Philippines

December 2020—April 2021

- Programmed an IoT-based contact tracing system that leverages Raspberry Pi and Firebase, integrated with DOH Covid API for optimizing real-time monitoring in both public and private establishments. The system reinforces mitigation efforts with precise individual movement tracking, streamlining check-ins by 75% for 200+ users.