

# Hanielle Jermayn E. Chua

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## EDUCATION

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### De La Salle University - Manila

Taft Avenue, Manila

BS Computer Science - Major in Software Technology

2023 – present

- **Cumulative GPA:** 3.928 (Summa Cum Laude Standing)
- **Awards:** Consistent 1st Dean's List (5 Terms)

### Philippine Science High School - Main Campus

Agham Road, Quezon City

Science, Technology, Engineering, and Mathematics (STEM)

2017 – 2023

- **Awards:** High Honors, Research Proficiency

## SKILLS

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- **Frontend:** React, Next.js, AngularJS, TailwindCSS, HTML, CSS
- **Backend:** Node.js, MongoDB, MySQL
- **Programming Languages:** JavaScript, TypeScript, Python, Java, SQL, C, Haskell
- **Tools & Technologies:** Git, Cardano, Docker

## WORK / INTERNSHIP EXPERIENCE

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### Bids n Buys

Remote

Junior Blockchain Developer (Started as Intern)

February 2025 – Present

- Built a crypto wallet prototype using AngularJS, with unit and E2E tests using Jest and Cypress.
- Developed serverless API architecture with MongoDB integration and accounting services for the e-commerce backend in a TypeScript-based environment.
- Set up and maintain Cardano nodes via Docker Swarm on remote Linux servers.

### Center for Applied Microelectronics and Programming, Inc.

Remote

Summer Intern

June 07 - June 18, 2021

- Contributed to the development of a full stack web admin application project using Node.js and SQL.
- Worked on two features of the web application: input-to-database setup and data validation.

### University of the Philippines - Diliman

Remote

Intelligent Transportation Systems Laboratory Intern

June 13 - July 01, 2022

- Utilized LocalSim for transportation analysis of a selected bottleneck intersection in Palawan.
- Collected simulation data to propose alternatives to an intersection to alleviate traffic congestion.

## RESEARCH AWARDS

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### “Reduction of Traffic Congestion in España Boulevard Using Graph Theory”

STEM Research

- Won Gold Award in World Youth International Innovation Award (WYIIA) 2022
- Won Third Award in Taiwan International Science Fair (TISF) 2023
- Presented as a finalist in the Closed-door Defense of UP ALCHEMES 2023

## ORGANIZATIONAL EXPERIENCE

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### La Salle Computer Society

Junior Officer

October 2024 - Present

- Handled financial documentation and submission of requirements as part of the Finance Committee.
- Assisted in planning and creating publicity materials for events as a member of the Publicity Team.