



JAYCI GABRIEL ACUÑA

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

University of the Immaculate Conception

ABOUT ME

a Systems Analyst and Full Stack Web Developer, I specialize in deconstructing complex requirements to architect and deploy functional Django-based systems efficiently. My analytical approach combines a strong foundation in database management and Machine Learning to bridge the gap between intelligent backend logic and high-performance web solutions. This technical expertise is anchored by my academic background, notably my undergraduate thesis, "HEROCS: An On-device Mobile Computer Vision Assessment System for Hazard Detection in Household Environments," which has been accepted for publication and oral presentation at the 9th International Conference on Information and Computer Technologies (ICICT 2026).



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Las Casas de Maria,
Indangan, Davao City

LANGUAGE

English

Nihonggo

SKILLS

- **BackEnd** - FastAPI, Python
-
- **FrontEnd** - ReactJS, React
-
- **Database** - MySql, Django

Other:

- Flutter (Mobile Development)
- Computer Diagnosis/ Repairs
- Computer Build
- Critical Thinking
- Communications
- Video Editing

TOOLS

- | | |
|-------------------------------|----------------|
| • Axiom | Kiro |
| • Canva | Visual Studios |
| • Capcut | Android Studio |
| • Da vinci Resolved | |
| • Google (Docs,Sheets,Slides) | |

WORK EXPERIENCE

Freelance Computer Technician

2022 - Present

- Assists customers with computer problems by diagnosing and resolving hardware and software issues, optimizing system performance, and delivering exceptional customer service.

PROJECTS

- 2023-2024: **UIC GearGuards** - Inventory Management and Monitoring in University of the Immaculate Conception Open-Lab
- 2024-2025: **The Marian TBI Alumni Engagement System** - Modernized and streamlined alumni interactions within the private organization "Marian TBI" at the University of the Immaculate Conception.
- 2025 - 2026: **HEROCS** - An On-device Mobile Computer Vision Assessment System for Hazard Detection in Household Environments