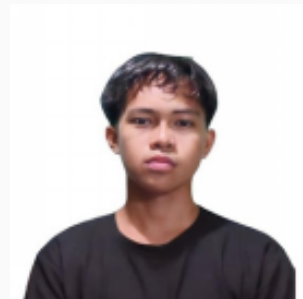


JAMIEL A. BRIONES



CONTACT

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Email: jamielbriones132@gmail.com

Portfolio: <https://jamiel.up.railway.app/>

EXPERIENCE

PPMSCLUSTER4 | 2025

Full Stack Web Development

- Developed a web-based application for the thesis project
- Implemented front-end and back-end functionalities and system logic
- Integrated APIs and managed deployment
- Assisted in documentation and manuscript preparation

HardStack Legends | 2024

Mobile Application Development

- Developed a mobile application
- Designed the user interface and user experience
- Defined and implemented the system flow and application logic

Robotic Claw Arm | 2024

Embedded Systems Development

- Assisted in building the robotic arm and developing its control and functional systems
- Reviewed and tested program code to ensure proper functionality
- Contributed to documentation and preparation of related technical papers

Autonomous Obstacle-Avoiding and Firefighting Robotic Car | 2024

Embedded Systems Development

- Assisted in building and assembling the robotic car and its mechanical components
- Developed and implemented control logic for autonomous navigation, obstacle avoidance, and firefighting functions
- Integrated sensors, motors, and control modules for coordinated operation
- Conducted system testing, calibration, and troubleshooting

Veterinary Clinic System | 2023

Full Stack Web Development

- Developed a web-based clinic management system
- Implemented front-end and back-end functionalities and system logic
- Designed database structure and integrated APIs

Supplier Ordering System | 2023

Desktop System Development

- Developed a desktop-based ordering and inventory management system
- Designed the system flow, user interface, and database structure
- Implemented core functionalities and business logic
- Tested and debugged program code for reliability

Pixel Box Wars | 2023

Full Stack Web Development

- Developed a web-based game with interactive gameplay and responsive UI
 - Implemented front-end graphics, animations, and user interface
 - Developed back-end game logic, scoring system, and data handling
 - Tested functionality and ensured smooth game performance
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EDUCATION

Bachelor Of Engineering Technology Major in Computer Engineering Technology | 2022–Present

Technological University of the Philippines – Cavite

- 3rd Year Second Semester Dean’s Lister

Science, Technology, Engineering and Mathematics | 2020–2022

Philippine Christian University – Cavite

- Consistent Honor Student
- Graduated with High Honor

Junior High School | 2016–2020

Luis Y. Ferrer, Jr. North National High School

- Consistent Honor Student
 - Graduated with Honor
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SKILLS

Core Skills

- Full Stack Developer
- Analog Electronics Basics
- Time Management
- Problem-Solving
- Logical Reasoning
- Database Management

Software Development

- Python
- Kotlin
- C++
- HTML & CSS
- JavaScript
- SQL

Application and Tools

- Github
 - Microsoft Excel, Word, PowerPoint
 - Railway
 - Lucidcharts
 - Paradigm
 - Canva
 - Balsamiq
-

CHARACTER REFERENCE

Dr. Alvin A. Genito

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