

# Emmar Christian Echano Perez

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## SKILLS

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<b>Programming Languages:</b>	SQL (PostgreSQL), Python (NumPy), JavaScript
<b>Backend Development :</b>	Node.js, Express.js, EJS, RESTful API development
<b>Database Tools:</b>	PostgreSQL
<b>Web Development:</b>	HTML, CSS, Bootstrap
<b>Tools &amp; Environments:</b>	Git, VS Code, Postman, IntelliJ IDE, Burp Suite, Zap

## WORK EXPERIENCE

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### Sophie's Information Technology Services (January 2025 – May 2025)

*Quality Assurance Tester Intern / Technologies Used: Postman, JMeter, Trello, IntelliJ*

- Gained hands-on experience in writing test cases and performing functional, regression, and performance testing, while effectively reporting defects to developers.
- Created and executed test plans, logged defects, and collaborated with team members using Trello.
- successfully identifying a critical issue before deployment and client delivery, ensuring project quality.

### Epson Precision Philippines Incorporated (Oct 2020 – March 2021)

*Production Operator*

- Performed visual inspections and basic quality checks on finished products.
- Assembled printer components and units following standard work instructions.

## EDUCATION

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### STI College Lipa | Lipa City Batangas, Philippines

*Bachelor of Science in Computer Engineering (Sept 2021 – Jul 2025)*

- Honor: Loyalty Awardee (General Weighted Average: 1.81)

### STI College Lipa| Lipa City Batangas, Philippines

*Academic Track: General Academic Strand (GAS)*

- General Weighted Average: 86

## CERTIFICATIONS

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- Full-stack Web Development | Udemy (Jan 2026)
- Data Analytics Essentials | Cisco (Nov 2025)
- Software Testing |Udemy (Sept 2025)
- Certified in Cybersecurity|ISC2 CC (August 2025)
- Bug Bounty Hunting & Web Security Testi | Udemy (May 2025)

## PROJECTS & EXTRACURRICULARS

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### Best Thesis Research

*Issued by: STI College Lipa, December 2024*

### Android-Based Automated Feeder and Monitoring System for Koi Aquarium (Dec 2024)

*Technologies Used: C++, Firebase, Arduino, Esp32, Android Studio*

- Developed an Android-based system to monitor water quality (pH, TDS, oxygen, and temperature) in real time to help owners maintain clean and healthy aquariums.
- Developed an Android-controlled automated feeder for aquariums, allowing owners to schedule feeding times and monitor feeding remotely, ensuring proper nutrition and reducing manual effort.