

Vian Andrei C. Vargas

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SUMMARY

Computer Science student specializing in Software Engineering with a solid foundation in programming and integration of AI practices. Highly motivated to learn and contribute to projects and collaborate within teams.

EXPERIENCE

Fireclay Corporation - Software Developer Intern

Dec 2025 - Apr 2026

- Completed a four-month internship at Fireclay Corporation, handling bug fixes and small-scale feature updates across two projects.

RELX Reed Elsevier - Data Quality Check Specialist Intern

Apr 2026 - Jul 2026

- Conducted detailed quantitative analysis and scoring of AI responses using Microsoft Excel to ensure high standards of accuracy and consistency.
- Earned the Quality Excellence Award for achieving the highest quality output score among all interns during the internship cohort.

PROJECTS

EcoGrade - Undergraduate Thesis | Frontend Developer and Hardware Engineer

- A system that analyzes non-biodegradable waste in real time using CNN and MCDA to determine recyclability and segregation type, integrated with a Raspberry Pi-based hardware prototype.
- Led the integration of Raspberry Pi to the system.
- Led the final adjustments to the UI/front-end.
 - Stack: Python, PyQt, YOLOv11, Raspberry Pi 5

Hotel Management System - Developer

- Implemented core POS features to streamline on-site transactions and sales workflows.
- Developed and managed the booking system module to handle reservations, availability, and guest check-ins.
 - Stack: Java, Vaadin, MongoDB

Architecture Web Development - Frontend Developer

- Built a web application using React and Tailwind CSS, leveraging Opencode Go AI agents to streamline development workflows and reduce project turnaround time.

EDUCATION

2022 - 2026 **Far Eastern University Institute of Technology**

Bachelor of Science in Computer Science with Specialization in Software Engineering

SKILLS

Tech Stack: Java, C++, Python, HTML, CSS,
JavaScript, PHP

Database: MySQL, MongoDB

Frameworks: Vaadin Flow, React, Springboot,

Tailwind, NextJS

Dev Tools: Git, Github, Bitbucket, VS Code,
Opencode, Gemini, MS Office

Soft Skills: Communication, Problem-Solving,
Time Management

CERTIFICATION

- **CCNA: Introduction to Networks** - Cisco, 2024
- **PMI Project Management Ready** - Project Management Institute, 2025
- **IT Specialist (Python)** - Pearson, 2024
- **Certified Vaadin 24 Developer** - Vaadin, 2026