

# Aaron James Makinano

+639157749974 | [ajmakinano@gmail.com](mailto:ajmakinano@gmail.com) | [linkedin.com/in/ajmakinano](https://linkedin.com/in/ajmakinano) | [github.com/makinaro](https://github.com/makinaro) | [makinaro.dev](https://makinaro.dev)

## EDUCATION

---

### University of San Carlos

*Bachelor of Science in Computer Science*

*Bachelor of Science in Civil Engineering*

Cebu, Philippines

*August 2022 - July 2026*

*August 2020 - July 2022*

## EXPERIENCE

---

### Software Developer Intern

*MYT SoftDev Solutions, Inc.*

September 2025 – November 2025

*Cebu, Philippines*

- Development & Deployment: Configured and deployed [X] full-stack POS systems using React, PHP, and Docker, managing version control via Git and actively resolving server-side errors.
- Engineered Python and Windows Batch scripts to automate data conversions (JSON to text) and Virtual Host environment setups, reducing manual configuration time by [X]%.

## CERTIFICATIONS

---

### Passer, Fundamental Information Technology Engineer Examination

April 2025

*Philippine National IT Standards (PhilNITS), ITPEC Member*

- Related Skills: Software programming and development, analysis and evaluation of information system strategy, database design and management, system operation and service management.

### Level 2, Test Of Practical Competency in IT (TOPCIT)

July 2025

*TOPCIT Examination (Korea)*

- Demonstrated foundational proficiency in software engineering life cycles, algorithm design, and system architecture.
- Validated core competencies in database management, basic networking, security principles, and IT business communication.

### Intro to Cybersecurity

October 2025

*Cisco Systems, Inc.*

- Gained practical awareness of industry-standard security protocols to ensure the integrity and confidentiality of enterprise information systems.

## PROJECTS & RESEARCH

---

### Real-time Motorcycle Safety Gear Compliance Detection System | *Computer Vision*

May 2026

- Engineered a computer vision system utilizing YOLO11 and BoT-SORT tracking algorithms to perform real-time compliance detection for motorcycle riders.
- Optimized machine learning performance parameters, achieving a revised precision of 90.50% and a recall of 88.60%.
- Authored and presented findings at the International Conference on Research in Engineering and Technology (RET 2026).

### Wordle Solver | *Python, Tkinter*

December 2025

- Developed an interactive desktop application using Python and Tkinter to dynamically predict Wordle solutions based on user-inputted guess feedback.
- Engineered a filtering algorithm that cross-references the official Wordle dictionary against excluded characters and positional hints to generate a real-time list of viable remaining words.

## TECHNICAL SKILLS

---

**Languages:** TypeScript, JavaScript, C#, Python, PHP, C

**Frameworks:** React, Next.js, Node.js, Express.js, .NET

**Developer Tools:** Git, Docker, Postman, VS Code, Claude

**Libraries & Architectures:** Tkinter, YOLO11, BoT-SORT

**Concepts:** Computer Vision, Object Detection, Full-Stack Development