

# Kenneth G. Caingcoy

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## Education

### Quezon City University

Bachelor of Science in Information Technology

Relevant Coursework: IoT Systems, Machine Learning, Computer Vision, Visual Basic, Microcontrollers, C++, Web Development and Java Applications

Quezon City

July 2025

### Asian Institute of Computer Studies

STEM Strand

Quezon City

August 2021

## Experience

### Jeonsoft Corp.

#### System Administrator Intern

September 2024 – November 2024

Quezon City

- Assisted in managing user accounts, permissions, and basic network configurations.
- Performed routine system maintenance and software updates for local servers and workstations.
- Helped document system procedures and troubleshoot technical issues for internal staff.

### Helix Software Technologies Corp.

#### IT Intern

March 2025 – May 2025

Pasig City

- Supported the software development team in testing and documenting features of enterprise solutions.
- Participated in basic bug tracking, UI feedback, and QA for ongoing web applications.
- Engaged in code walkthroughs and learned version control using Git.

### Capstone Project: Smart IoT-Based Organic Plant Waste Composting Production System

Quezon City University

July 2024 – March 2025

- Designed and built an IoT-based fertilizer production system integrating ESP32, sensors, and automation.
- Implemented cloud-based waste segregation using the FOMO (Faster Objects, More Objects) object detection algorithm.
- Automated composting features include temperature regulation, moisture control, and servo-driven waste sorting.
- Developed a web interface for sensor monitoring, user roles, and fertilizer production reports.

## Leadership & Activities

### Moonton Student Leader (Mobile Legends: Bang Bang)

Quezon City University

#### Campus Student Leader

2022 – Present

- Led campus-wide MLBB tournaments and collaborated with the esports organization for community engagement.
- Developed proficiency in Google Workspace and Microsoft Office through event coordination and reporting.

## Skills & Interests

**Programming:** Python, Java, C++, JavaScript, HTML/CSS, Visual Basic, .NET Framework, React.js

**Tools & Technologies:** ESP32, Arduino, Edge Impulse, YOLO, Git, Google Workspace, Microsoft Office

**Concepts:** Object Detection, IoT Systems, Microcontrollers, Web Development

**Interests:** Esports, Mobile Gaming, Smart Agriculture, Sustainable Tech Solutions