

# James Matthew F. Tan

## Web Developer Intern

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### EDUCATION

#### University of the East

*Bachelor of Science in Computer Engineering*

**Manila, Philippines**

*June 2019 - Present*

*Graduand (Expected: March 2024)*

- **Concentrations:** Software and Hardware Design, Development, and Management
- **Related Coursework:** Data Structures and Algorithms, Discrete Mathematics, Mobile Development, Object-Oriented Programming, Software Design, Website Development

### PROJECTS

#### IoT-Based Smart Garden (Design Project)

*Project Leader*

**Angono, Philippines**

*January 2023 - May 2023*

- Managed the design project and delegated tasks to team members.
- Designed and developed the IoT architecture for the design project.
- Designed and developed a user-friendly and responsive UI/UX of the IoT website application using mainly Bootstrap and other website frameworks.
- Developed the back end of the IoT website application.
- Designed the hardware and PCB layouts for the microcontrollers, sensors, and actuators.

#### IoT-Based Indoor Disaster Monitoring System

**Manila, Philippines**

*November 2022 - December 2022*

- Designed and developed a user-friendly and responsive UI/UX of the IoT website application using Bootstrap and Canvas - Gauges.
- Developed the back end of the IoT website application.
- Designed the hardware and the PCB layout for the microcontroller and sensors.

#### LTO License Pre-Test Assessment Application

**Manila, Philippines**

*April 2021 - May 2021*

- Designed and developed the front end of the android mobile application.
- Developed the back end of the android mobile application.

### ACHIEVEMENT

#### Best Project Presentation in Methods of Research

*Project Leader*

**Manila, Philippines**

*May 2022*

### CERTIFICATE

#### Huawei Internet of Things Certification

**Manila, Philippines**

*December 2022*

### EXTRACULLICULAR ACTIVITY

#### Automation, Robotics, and Mechatronics Society

*Vice President*

**Manila, Philippines**

*November 2023 - Present*

### SKILLS

**Programming:** C++, Python, Java, Kotlin, HTML, CSS, JavaScript, and PHP

**Technical/Programmatic:** Website Development, IoT Development, Android Mobile Development, Database Management, API Implementation, and Git

**Platforms:** Windows, Linux