

# DYANEL LANCEA E. BALANDRA

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## EDUCATION

### Diploma in Computer Engineering

2022 - 2025

*Temasek Polytechnic, School of Engineering*

Cumulative GPA: 3.37/4.0, Temasek Polytechnic Scholarship Engineering (2022-2024)

Relevant Courses: Full-Stack Development, AI & Machine Learning, Internet of Things (IoT), Object Oriented Programming

## WORK EXPERIENCE

### EP-Tec Solutions

Apr 2024 - Aug 2024

*EP-Edu dept. Intern*

- Research and curate coding-based educational programmes for educational institutes (Primary 4 to Secondary 2 students).
- Educational programmes includes coding, IoT, robotics, drones, and STEM.
- Manage and teach classes for lessons.

## ACTIVITIES

### Engineering Studies Club (ESC)

2022 - 2025

*Sub-Committee, Facilitator*

- Coordinate and manage events under the *School of Engineering* in Temasek Polytechnic.
- Facilitate event activities and efficiency.
- Monitor participants and their concerns.

### Temasek LEAD Programme

2022 - 2025

*Member*

- *An inclusive talent development programme*
- Developed Essential Leadership Soft Skills under these 3 pillars; Heart, Summit, and Induction

### Tchoukball Temasek Polytechnic

2023 - 2025

- Participated in POL-ITE 2023 (Silver).
- Participated in POL-ITE 2024.

## TECHNICAL SKILLS

#### Software IDE

- JupyterLab
- Visual Studio Code
- SQL Database Management Software
- MakeCode Blocks Playground
- Unity

#### Microcontrollers & Others

- Raspberry Pi
- Arduino
- Tello Drone
- Microbit & mBots

#### Languages

- Python
- C
- HTML & CSS
- TypeScript
- JavaScript
- SQL

## ADDITIONAL INFORMATION

- **Soft skills:** Class-management skills, Public Speaking, Microsoft Excel, Microsoft Powerpoint, Canva & Google slides.
- **Languages:** English, Tagalog.