

# Abdulrahman Adil, (Saudi Premium Resident - 2267710578)

Internship, Full Time – September/October 2025 Onwards

## Profile

I'm a dedicated engineering student with a keen ambition in robotics. Passionate about innovation, problem-solving, and making a significant impact in the field. I work well with teams and usually take a leadership role in them. I've worked on countless robotics projects including a robodog, a drone, a WALL-E bot and much more. I'm currently a resident of Saudi Arabia with a Premium Resident Iqama.

## Details

Riyadh, Saudi Arabia  
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[LinkedIn: Abdulrahman Adil](#)

## Education

**Bachelors in Mechatronics Engineering, Asia Pacific University, Kuala Lumpur**  
September 2021 – September 2025

## Languages

Arabic – Intermediate  
English – Native Speaker  
Urdu – Native Speaker  
Hindi – Fluent Speaker

## Employment History

(4+ years total work experience, 4 months field experience)

**Senior Engineering Technical Assistant, Asia Pacific University, Kuala Lumpur**  
December 2024 – April 2025

Promoted to oversee **all operations** in the absence of my supervisor, taking on a leadership role in **equipment management, technical support, and student assistance**—ensuring **all equipment is operational monthly**, providing **16+ hours of support**, and designing **replacement parts for lab use using SOLIDWORKS**.

## Skills

ROS/ROS2  
ESP 32  
Arduino  
SOLIDWORKS  
3D Printing  
ABB Robot Arm  
Python  
C-programming  
MATLAB  
Multisim  
LTspice  
LabView

**Intern, CREDIT Lab, Asia Pacific University, Kuala Lumpur**  
June 2024 – September 2024

Designed and **3D printed drone box dropping mechanism**, troubleshoot and repaired a **Dingo robodog**, developed a **WALL-E-inspired scuttle bot**, and contributed to **SIET editorial work** during my internship.

**Engineering Technical Assistant, Asia Pacific University, Kuala Lumpur**  
September 2023 – December 2024

Provided **technical and organizational support**, ensuring seamless accessibility of class equipment for lecturers, validating the functionality of **50+ multimeters monthly**, offering **16+ hours of technical support per month**, and designing **replacement parts for tools and machinery using SOLIDWORKS**.

## Tutor, Online

September 2020 – May 2024

Taught **Math, Physics, Chemistry, Biology (Form 4)** and **Python programming**, while providing **homework support, test preparation, and assignment assistance**, fostering **problem-solving skills** and a **critical thinking mindset** among students. Also helped **tutor peers** in **coursework** they were having difficulty in.

## Reference

Prathap Appakutty,  
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