

# RABI'ATUL'ADAWIYAH BINTI ABDUL RAHMAN

## ENGINEER

Johor, Malaysia | Willing to Relocate  
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## Summary

Engineering graduate specializing in Electronic and Biomedical Engineering with strong interest in technical sales. Experienced in customer interaction with strong communication skills to translate technical details into customer-friendly explanations.. Eager to grow as a Sales Advisor by combining technical knowledge with customer engagement.

## Education

### Bachelor of Science, Biomedical Electronic Engineering

Sept 2018 - Aug 2022

Universiti Malaysia Perlis, Perlis, Malaysia

CGPA: 3.53

### Malaysian Higher School Certificate (STPM)

May 2016 - Dec 2017

SMK Dato Haji Hassan Yunos, Johor, Malaysia

### Malaysian Certificate of Education (SPM)

Jan 2011 - Dec 2015

SMK Simpang Renggam, Johor, Malaysia

## Skills & abilities

- **Technical tools:** Autodesk AutoCAD and Inventor, MATLAB, COMSOL Multiphysics, IDE Arduino
- **Programming:** Python, C, MATLAB, HTML, CSS
- **Microsoft tools:** Word, Excel, PowerPoint, Outlook
- **Languages:** Bahasa Melayu (Native), English (Proficient)

## Experience

### Sales Consultant | Al-Ikhsan Sports, Kluang, Johor, Malaysia

Nov 2025 - Present

- Boosted sales by guiding customers to suitable products, contributing to target sales and successfully achieved sales target 119% for December 2025.
- Maintain visual merchandising standards and ensure the store environment is clean, organized, and welcoming.
- Resolve customer inquiries and complaints professionally, ensuring positive customer experiences.
- Collaborate with team members to achieve sales targets and support store operations.

### Freelance | Renggam, Johor, Malaysia

July 2024 - Present

- Managed invoices, expenses, and financial records using Microsoft Excel with high accuracy
- Developed Excel and Word templates to streamline admin tasks, reducing preparation time by 30%
- Handled accounts payable, accounts receivable, and payroll with 100% accuracy
- Address customers' needs and provide practical, effective solutions.

### Research Assistant | University Malaysia Perlis, Perlis, Malaysia

Oct 2022 - Jan 2024

- Developed image enhancement techniques for diagnosing Acute Myeloid Leukemia (AML)
- Designed and implemented algorithms in MATLAB and Python to improve image quality and diagnostic accuracy
- Collaborated with AI researchers and medical professionals to meet clinical requirements
- Published two technical papers and presented it at international conferences.

## **Publications**

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Feature Targeted Image Enhancement for Acute Myeloid Leukemia

DOI: 10.1109/IWAIIP58158.2023.10462885

International Conference on International Workshop on Artificial Intelligence and Image Processing,  
Universitas Muhammadiyah Yogyakarta, Indonesia

### **Color Normalization for Acute Promyelocytic Leukemia Images**

DOI: 10.1007/978-3-031-80355-0\_15

International Conference on Biomedical Engineering (ICOBE 2023), Universiti Malaysia Perlis, Perlis, Malaysia

## **Projects**

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### **Portfolio Website Template**

GitHub: <https://github.com/Rabia2698/Reference-for-Website-Portfolio>

- Developed a clean and reusable website template to help users build personal sites easily.
- Designed core sections including Home, About Me, Projects, and Contact for clear content organization
- Built the website in Visual Studio Code using HTML and CSS, with a clean, beginner-friendly structure.

### **Feature Targeted Image Enhancement for Acute Myeloid Leukemia**

DOI: 10.1109/IWAIIP58158.2023.10462885

- Developed an algorithm for a new diagnosis method to detect Acute Myeloid Leukemia cells in bloods using an image enhancement approach that removes background influence to improve target region visibility.
- Skills and tools used include image processing, feature extraction, computer vision, Python, and algorithm development.

### **Color Normalization for Acute Promyelocytic Leukemia Images**

DOI: 10.1007/978-3-031-80355-0\_15

- Implemented multiple color normalization techniques to address staining, illumination, and imaging variability in APL microscopic images.
- Skills and tools used include image processing, color normalization, computer vision, MATLAB, Python, and quantitative analysis.

### **Edit Image Application**

GitHub: <https://github.com/Rabia2698/Reference-for-Website-Portfolio>

- Developed a desktop image editing application using Python, Tkinter, PIL, and OpenCV.
- Implemented features including image upload, crop, resize, rotate, flip, brightness/contrast adjustment, grayscale conversion, color inversion, and sharpening.
- Designed a clean, user-friendly interface with a menu and canvas for real-time image preview and applied effects.

## **Certificates**

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### **Introduction to Data Analysis using Microsoft Excel**

**2025**

Coursera Project Network

### **Getting Started with Azure DevOps Boards**

**2025**

Coursera Project Network

### **Getting Started with Microsoft Excel**

**2025**

Coursera Project Network

### **Presenter, International Conference on International Workshop on Artificial Intelligence and Image Processing**

**2023**

Universiti Malaysia Perlis, Perlis, Malaysia

### **Presenter, International Conference on Biomedical Engineering**

**2023**

Universiti Malaysia Perlis, Perlis, Malaysia