



# MUHAMMAD FADHLAN BIN JUNAIDI

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## OBJECTIVE

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A Resilient Information System graduate with strong problem-solving skills and Data Science skills. Will open to any challenges to build upon keen interest in Data Analytics and AI. Aspiring to develop and improve self-capabilities to bring benefits for society.

## EDUCATIONAL BACKGROUND

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### Universiti Teknologi PETRONAS

(Sep 2018-Dec 2021)

Bachelor of Technology (Hons) Information System

Minor in Corporate Management – Major in Data Analytics

CGPA: 3.22/4.00, GPA: 3.58

Graduation Date: December 2021

- Completed Course: Machine Learning, Data Science, Business intelligence, Cyber Security, IT Project Management, Big Data Analytics, Object-Oriented Programming

## WORK EXPERIENCE

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### Eftech Drilling Solutions Sdn Bhd

(Jan 2022-Present)

Programmer in Technical Data Team

- Involved and completed P-ALS project with PETRONAS as a Programmer and Data Analyst to predict the remaining life of the equipment by using Talend Open Studio, Microsoft SQL Server Management Studio, Power BI, and Power BI Report Builder
- Involved project with Eftech on Mygali as Data Scientist to improve automated drilling performance to predict stuckpipe using LSTM an unsupervised learning algorithm Python Language. The project is nominated for OGSE Innovation Award 2022.

### Industrial Internship in Setel Ventures Sdn Bhd

(June 2020-Jan 2021)

Technical Operation Intern

- Identify operational problems by observing and studying system functioning and performance results.
- Involved in the company's project to develop and OCR (Optical Character Recognition) using Python for submit receipt process
- Provide operational management information by collecting, analyzing, and summarizing operating and engineering data and trends.

## RESEARCH PROJECTS

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### Edu4UX: Science Education Mobile Application for Year 6 School Children in Malaysia based on UX Model

(May 2021)

- Final Year Project: Develop Science Mobile Application by taking consideration of User Experience Model

### Universiti Teknologi PETRONAS: DSC HACKATHON UTP: UTP Nexus

( July 2021)

- Participate in DSC HACKATHON UTP with a group of 4 members to develop a mobile application to consolidate all website in UTP into one mobile application.

### Setel Ventures Sdn Bhd : Optical Character Recognition (OCR)

(June 2020)

- Development conducted between both Google Vision and Tesseract to determine the accuracy of reading the receipt.

### Universiti Teknologi PETRONAS: Clean4U

(June 2020)

- A group of 4 members project where we designed and developed a prototype a mobile application for cleaning services.

**Universitas Brawijaya : MPU4 (Community Engagement Project) (Malang, Indonesia)****(Dec 2019)**

- Conducted with 20 members of students and developed the first AR technology in Kampung Pujon Kidul , Malang , Indonesia using Unity.

**Universiti Teknologi PETRONAS: Object Oriented Programming: Catching Candy Game****(Oct 2019)**

- Engaged in 5 group members in designing simple game application called Catching Candy using IntelliJ IDEA, Java Language

**Universiti Teknologi PETRONAS: Fundamental of Programming: OH, MY CODE!****(Sept 2017)**

- Group project with 4 members conducted project in developing medical application related to medical health care using Visual Basic

## PROFESSIONAL CERTIFICATES

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**Gemrain Python Expressway****(Mar 2022)**

The training was conducted under Gemrain Consultancy to give basic insight about Python and gave a simple project for the participant to work on

**IoT Security Professional Certification, University of Brawijaya****(Dec 2019)**

The training was done to prepare participants and give insights about cyber-attack using Kali-Linux and how to prevent them. Certified IoT Security Professional are given at the end of the 7 days training session in Indonesia.

## EXTRACURRICULAR INVOLVEMENT

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- Facilitator of Kem Pengurusan Organisasi (Rakan Masjid UTP) **(Oct 2021)**
- Facilitator for Science, Technology, Engineering and Mathematics Perak (STEM) **(Feb 2021)**
- Committee of Logistics Department for UTP Giving Day 2020 (UTPGD 20) **(Mar 2020)**
- Secretary Batch for Rakan Masjid UTP (Rakan Masjid UTP) **(2019-2020)**
- Committee of Activities and Games **(Dec 2019)**
- ChildPro (Committee of Decoration Department) **(2019)**
- UTP Soccer Premier League **(Sept 2019)**
- UTP Futsal Gladiator **(Oct 2019)**
- Oh My Code Competition (2017) **(Sept 2017)**

## ACHIEVEMENTS

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- Dean list award recipient (achieved more than 3.50 GPA) **(2019 - 2021)**
- Silver Award for Science & Engineering Design Exhibition (SEDEX 42) **(2021)**
- 2<sup>nd</sup> Runner Up Award for DSC Hackathon (2021) **(2021)**
- 2<sup>nd</sup> Runner Up: Best Project for MPU4 **(2019)**

## SKILLS

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**Software:** Microsoft Office Application | Flutter | Android Studio | Visual Code Studio | Adobe XD | Power BI | Power BI Report Builder | Microsoft SQL Server Management Studio | GitHub | RStudio | Spyder | Microsoft Azure | Talend Open Studio | Django

**Programming Languages:** Python | JavaScript | C++ | HTML | CSS | Java | C# | SQL

**Language:** Bahasa Malaysia | English

## REFERENCES

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**Mohd Ismail Bin Mohd Nasir,**  
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