

# ABDUL WHOZAIFAH BIN ABDUL RAHIM

## DATA SCIENTIST | DATA ENGINEER



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<https://jpah11.github.io/Wwhozaifah/>

### PERSONAL INFORMATION

Age : 31  
IC Number : 900308-10-5823  
Gender : Male

### CERTIFICATION/TRAINING

- Fusionex Certified Data Scientist By PENERAJU Program
- Fusionex Certified Data Engineer By PENERAJU Program
- Digital Leadership By Peoplelogy

### KEY SKILLS

- Machine Learning & Deep Learning
- Python
- C++
- C#
- Javascript
- SQL
- HTML
- AWS Cloud
- Visual Studio Code
- Hadoop
- Sqoop
- Hue
- Hive
- Impala
- Spark
- Kafka
- Microsoft Power BI
- Giant
- Res2DINV
- Inverse
- RockWorks
- Adobe Photoshop
- Microsoft Office

## EDUCATIONAL BACKGROUND

- 2012 - 2016** • **University Technology PETRONAS, Perak**
  - Bachelor of Tech (Hons) Petroleum Geoscience Major in Basin Reservoir
  - CGPA: 3.05
- 2008 - 2010** • **UniKL Malaysian Spanish Institute, Kulim**
  - Edexcel GCE A-Level
  - 1A 2C
- 2006 - 2007** • **MRSM Tun Ghafar Baba, Melaka**
  - Sijil Pelajaran Malaysia (SPM)
  - 9A

## WORKING EXPERIENCE

- JUN 2019** • **Ocned Water Technology Sdn Bhd**
  - Geologist
  - Groundwater and geological data modelling.
  - Analyze and visualize geological data to client into 3D model.
  - Provide well design, logging, drawing, graph and report.
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- RECENT**
- FEBRUARY 2018** • **Bumimetro Engineering Sdn Bhd**
  - Geologist
  - Soil investigation and micropile.
  - Prepare borelog and collect sample.
  - Meeting and liase with client.
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- MAY 2019**
- MAY 2017** • **Geo Technology Resources Sdn Bhd**
  - Freelance Geologist
  - Resistivity, gravity and TEM geophysical survey.
  - Expose to fieldwork for data acquisition, processing and interpretation of geological modelling.
  - Prepare geological map, cross sectional diagram and report.
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- FEBRUARY 2018**
- MARCH 2016** • **Kagawa Drilling Technology Sdn Bhd**
  - Geologist cum Site Engineer
  - Water treatment plant and groundwater tubewell.
  - Site coordination, management of subcontractors.
  - Provide well design, logging, drawing and report.
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- MAY 2017**

## PROJECT EXPERIENCE

### Cash Horse Biomass Factory Sandakan, Sabah

- Groundwater and geological data acquisition such as resistivity data.
- Preprocessed data collected and analyze data to find potential groundwater reservoir.
- Visualize 3D model using Rockworks and present findings to client.

### Johor Groundwater Project

- Groundwater and geological data acquisition such as TEM, resistivity, water level and water quality of monitoring well.
- Preprocessed data collected and analyze data to find potential groundwater reservoir.
- Produce 3D model of the data using Rockworks and present findings to client.

### Transient Electromagnetic Method

- Geological studies at Jengka, Pahang (Jabatan Mineral & Geosains).

### Tunnel Stability

- Sultan Ismail Petra Hydroelectric Station (Tenaga Nasional Berhad).

### Data Scientist Pet Project

- Churn Model on credit card dataset from Kaggle.
- Classification Machine Learning on Titanic dataset from Kaggle.
- Multiple linear regression on life expectancy dataset from World Health Organization.
- Clustering on credit card dataset from Kaggle using Kmeans and DBSCAN.
- Association rules on groceries dataset from Kaggle using Apriori.
- Object detection apps using Tensorflow.js and React.js with COCO SSD trained model.
- Push up and bicep curl counter using mediapipe pose estimation model.
- Mining 'vaccines' twitter data and conduct TextBlob sentiment analysis using Spark Application.



SCAN ME

## EXTRACURRICULAR ACTIVITIES

- University representative for Geoscience Exhibiton and Competition 2015 (GENC 2015).
- Headman for Kursus Kenegaraan Mahasiswa ke Luar Negara (July 2010).
- Participation in Catur Bistari IPT Competition National Level (July 2008).
- Committee for International Seminar on Advanced Development in Spanish Machine Tools Technology (ADeSMAT 2008).
- Committee for Sekreteriat Rakan Muda UTP Entrepreneurship 2012.
- Committee for Moment to Share Rumah Seri Kenangan 2014.
- 7<sup>th</sup> Place in Banana Relay Run 2014.

## PERSONAL REFERENCE

### Norazri Bin Zakaria

Team Lead .NET Developer,  
MY E.G. Services Berhad,  
Damansara, Kuala Lumpur.  
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### Lee Kok Yeong

Senior Geologist,  
Ocned Water Technology Sdn  
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### Dr. Mohd Hariri Bin Ariffin

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