

ABDUL WHOZAIFAH BIN ABDUL RAHIM

DATA SCIENTIST | DATA ENGINEER | DATA ANALYST



No 44 Jln Melor 1,
SBCR Saujana Utama,
47000 Sg Buloh, Selangor.



+6019-2838390



abdulwhozaifah@gmail.com



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

PERSONAL INFORMATION

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

CERTIFICATION/TRAINING

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

KEY SKILLS

- Machine Learning & Deep Learning
- Data Mining
- Python
- C++
- C#
- Javascript
- SQL
- HTML
- AWS Cloud
- Visual Studio Code
- Hadoop
- Sqoop
- Hue
- Hive
- Impala
- Spark
- Kafka
- MapReduce
- Microsoft Power BI
- Tableau
- ArcMap
- 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**
 - Data mining, data cleaning and statistical analysis using Python.
 - Facies and geological data classification using Supervised and Unsupervised Machine Learning.
 - Analyze and visualize geological data to client into 3D model using Rockworks.
 - Provide well design, logging, drawing, graph and report.
- RECENT**
- FEBRUARY 2018** • **Bumimetro Engineering Sdn Bhd**
 - Geologist
 - Soil investigation and micropile.
- MAY 2019**
 - Prepare borelog and collect sample.
 - Meeting and liase with client.
- 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.
- 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.
- MAY 2017**

PROJECT EXPERIENCE

Cash Horse Biomass Factory Sandakan, Sabah

- Groundwater and geological data acquisition such as resistivity data.
- Preprocessed data collected using SQL and data mining using Python.
- Analyze data using Machine Learning 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 using SQL and data mining using Python.
- Analyze data using Machine Learning to find potential groundwater reservoir.
- Visualize 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.



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.
- 7th Place in Banana Relay Run 2014.

PERSONAL REFERENCE

Norazri Bin Zakaria

Team Lead .NET Developer,
MY E.G. Services Berhad,
Damansara, Kuala Lumpur.
Contact No: +6012-974 7971
Email:
norazrizakaria90@gmail.com

Lee Kok Yeong

Senior Geologist,
Ocned Water Technology Sdn
Bhd,
Shah Alam, Selangor.
Contact No: +6012-242 5668
Email: project15@ocned.com

Dr. Mohd Hariri Bin Ariffin

CEO/ Manager,
Geo Technology Resources
Sdn Bhd,
Sepang, Selangor.
Contact No: +6013-289 8336
Email:
hariri_geologist@yahoo.com