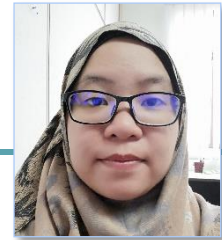


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## Contact

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## Date of Birth

20 April 1987

## Online Profile

LinkedIn: [FarahanaSuhaimi](#)

ResearchGate:

[Mohd\\_Suhaimi Nur Farahana](#)

Github: [farahanams](#)

DataCamp: [Farahana](#)

## Acquired Skills

*Programming languages:*

Python; Pytorch, Tensorflow  
and Keras

*Fields:* Deep learning (especially  
CNN with 4D images)

*Other:* Github, Unix with Linux,  
Latex, Matlab and Weka.

## Introduction

PhD candidate with 5 years of experience dealing with deep learning models for high-dimensional data for more than 1000 subjects with more than 1tb of data storage. Possess enhanced python skills in multiple deep learning libraries. Most fluent in Conventional neural network (CNN) model of deep learning and has decent knowledge in autoencoder and LSTM model applications.

## Education and Professional Experience

*February 2014-present: PhD candidate in IIUM*

--Started with battery cooling management system for electric vehicle for the first year and half. Changed to deep learning-based medical image processing. Currently waiting for viva. Designed end-to-end various CNN model for medical images data (fMRI). Acquired number of skills for data scientist profession especially programming in Python with notable deep learning libraries.

*Jan 2013-May 2013: Internship at Le2i Laboratoire at UB*

--Developed and analysed data for 1-pixel camera development.

*September 2012-July 2013: Computer Vision (Master's degree) at UB, France*

*July 2011-July 2012: Mechatronics Engineering and Automation (Master's degree) at UTM*

*July 2011-July 2012: Assistant research officer at FKE,UTM*

--Analysed battery cooling management system for electric vehicle development and assisted a Professor for papers editing and publishing processes.

*September 2007-April 2011: Mechatronics Engineering (Bachelor's degree) at IIUM*

## Papers Published

*Comparison of Machine Learning Classifiers for dimensionally reduced fMRI data using Random Projection and Principal Component Analysis*

Won Best Paper Award at 7th IEEE International Conference on Mechatronics Engineering - ICOM'19 (Putrajaya, Malaysia)

*More papers on: [https://www.researchgate.net/profile/Mohd\\_Suhaimi\\_Nur\\_Farahana](https://www.researchgate.net/profile/Mohd_Suhaimi_Nur_Farahana)*

## References

1. Assoc. Prof. Dr. Zaw Zaw Htike (PhD Supervisor- [coundria@gmail.com](mailto:coundria@gmail.com)/[zaw@iium.edu.my](mailto:zaw@iium.edu.my))
2. Dr. Aimi Shazwani Ghazali (Coursemate during post-graduate studies - [aimighazali@iium.edu.my](mailto:aimighazali@iium.edu.my))