

MOHAMAD AZRAI BIN MAHADAN

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EDUCATION

Korea University Bachelor of Engineering in Computer Science and Engineering CGPA : 4.0/4.5	<i>Seoul, South Korea Mar 2021 - Feb 2023</i>
Dongyang Mirae University Associate's Degree in Computer Information Engineering CGPA : 4.02/4.5	<i>Seoul, South Korea Mar 2019 - Feb 2021</i>
Seoul National University Korean Language and Culture Program	<i>Seoul, South Korea Mar 2018 - Feb 2019</i>

PROFESSIONAL EXPERIENCE

Malaysia Investment Development Authority Intern	<i>Seoul, South Korea Jan 2022 – Mar 2022</i>
<ul style="list-style-type: none">• Helped preparing situation report on various manufacturing industries in South Korea that have potential to invest in Malaysia.• Developed automated application to organize database collection using Excel.• Participated in stakeholder meetings and shared opinions as student representative.• Advised current image and video editing to help advertising the company.	

PROJECTS

Face Analysis for Customer Segmentation using Deep Learning (Capstone Design)	<i>Dec 2022</i>
<ul style="list-style-type: none">• Developed web application that helps predicting and automatically analyzing the demographic information of shop customers in real time. Used Tensorflow as deep learning framework for model development with OpenCV and Flask in model deployment stage. The collected prediction data are automatically post-processed by Microsoft Excel. The project has been awarded the encouragement prize.	
Lost and Found Center	<i>Nov 2020</i>
<ul style="list-style-type: none">• A web service that was developed to solve the problem of missing personal items among in-campus students. Assigned to develop the back-end works by using PHP	

and monitor the database by using MySQL Developed from scratch based on the idea of existing service to improve user experience and convenience.

TRAINING

- Deep Learning Specializations Certification, DeepLearning.AI** *Jul 2022*
- Built neural network architectures such as Convolutional Neural Networks, Recurrent Neural Networks, LSTMs and Transformers.
 - Applied Python and TensorFlow to solve problems including speech recognition, music synthesis and natural language processing.

- IBM Data Science Professional Certificate, IBM** *Jan 2022*
- Among courses taken:
- Data Science Methodology, Databases & SQL, Data Analysis with Python, Data Visualization and Machine Learning

HONORS AND AWARDS

- Jinri(Truth) Program Scholarship, Korea University** *2022*
- Received by winning encouragement prize in capstone design competition.

- Global Leader Scholarship, Korea University** *2022*
- Participated in Universitas 21 Micro-Internship and Global Citizens Program.

- International Student Scholarship, Dongyang Mirae University** *2020*

- Yayasan TM Talent-A Scholarship, Telekom Malaysia** *2017*

LEADERSHIP AND VOLUNTEERISM

- Generasi Mahasiswa Islam Korea (GMIK)** *Seoul, South Korea*
Vice President (Financial) *Nov 2020 – Present*
- Organized student development events including preparing masterplan for leadership and training seminars.
 - Lead meetings and supervised sub-committee work plan.
 - Managed account cash flow and set up an organized bookkeeping system.

- Economic Bureau Member** *Nov 2018 – Oct 2020*
- Planned activities to generate incomes including food sales and services.
 - Helped the Treasurer organizing the cash flow.

- Malaysia Students' Association in the Republic of Korea** *Seoul, South Korea*
Student Mentor *Mar 2021 – Nov 2021*
- Helped new students adjust to culture and life in South Korea.

Funday Korea Networks

Volunteer

*Seoul, South Korea**Oct 2019 – Aug 2020*

- Participated in Korean Intangible Cultural Heritage Festival in Jeonju, South Korea and tour of Hanyang Wall
- Had been selected as a participant for ‘Donuimun Museum Village Project #2’ in conjunction of Hangul (Korean Alphabet) Day.

Seoul Tourism Organization

Volunteer

*Seoul, South Korea**May 2019*

- Represented Muslim community in Korean government’s inspections about Muslim tourist convenience facilities in Seoul.

COMPUTER SKILLS

Programming: Python, C, C++, R, HTML & CSS, PHP, SQL, Javascript, Java**Applications:** Microsoft Excel, Photoshop, Keras, Tensorflow, Tensorflow-js, Pandas, MySQL, Apache Hive, Apache Impala, OpenCV**Platforms:** Jupyter Notebook, Visual Studio Code, Hue, Google Colab, Brackets, Eclipse**LANGUAGES**

Malay: Native**English:** Fluent

Test of English as International Communications (TOEIC): 970/990

Korean: Fluent

Test of Proficiency in Korean (TOPIK): Level 6

Japanese: Intermediate

Japanese Language Proficiency Test (JLPT): N2