

Ali Majedi

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- [LinkedIn](#)
- [Xing](#)
- [Portfolio](#)
- [OldSchoolBingo \(WIP\)](#)

Education

TU Dortmund (Germany)/ Masters of Science: Data Science
April 2023 - Ongoing

University of Malaya (Malaysia)/ Bachelor of Computer Science: Artificial Intelligence
September 2016 - July 2020, Malaysia
CGPA: 3.6 / 4

Certification

Google Data Analytics Professional Certificate
April 2022

Skills

- | | | | | | |
|--------------|-------|--------------|----------------|-------|--------------|
| • Python | ■■■■■ | Advanced | • Scikit-Learn | ■■■■■ | Advanced |
| • Java | ■■■■■ | Advanced | • TensorFlow | ■■■■■ | Novice |
| • R | ■■■■■ | Intermediate | • Django | ■■■■■ | Advanced |
| • SQL | ■■■■■ | Advanced | • Tableau | ■■■■■ | Novice |
| • JavaScript | ■■■■■ | Intermediate | • GitHub | ■■■■■ | Intermediate |
| • HTML | ■■■■■ | Intermediate | • AWS | ■■■■■ | Intermediate |

Experience

Key ASIC (Malaysia)/ AI Engineer Internship
May 2020 – August 2020

- Combined different computer vision pre-processing techniques and deep learning on blood cell dataset to achieve over 74% classification accuracy
- Developed prediction model for Bilirubin using regression achieving 90% accuracy

Fylix (Malaysia)/ AI Engineer

August 2018 – October 2019

- Developed data wrangling tool using Java to extract crucial information from paragraphs and tables in PDF, Word and Excel files
- Communicated with stakeholders to understand their business requirements and translate it into actionable insight and projects
- Performed advanced SQL queries to store, retrieve and manipulate data
- Applied management and communication skills to meet tight deadlines

Projects

Hybrid Movie Recommendation System

- Designed an SQL structure and data model to store and maintain movie and user data
- Implemented Matrix Factorization technique on the data followed by feature extraction using SVD and employed KNN on the data for higher retrieval efficiency
- Utilized String Matching algorithm to find searched movies and applied Similarity Matching theory to search for recommendations achieving 82% accuracy rating on focus group

Reddit Analysis tool

- Developed pipeline using Python to collect data in real-time from multiple APIs, clean, process and store it
- Designed a PostgreSQL database architecture to support millions of data with less than a second retrieval time on any query
- Implemented Rest APIs and UI using Django with interactive charts in JavaScript to view information on any keyword or subreddit from any time

Rapitout (Web based real-time game)

- Used Socket.io and Node.js to develop a real-time game with support for multiple concurrent private and public sessions
- Enabled speech synthesis so players can hear written verses on any device
- Designed a responsive website using Bootstrap that supports all devices

Hobbies

- 3D Printing
- Programming
- Body Building
- Video Games



12/09/2023