

Raashid Salih

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EDUCATION

2023 – present Atlanta, Georgia, USA	Master of Science in Analytics (MSc) <i>Georgia Institute of Technology (GaTech)</i>
2018 – 2022 Kuala Lumpur, Malaysia	Bachelor of Computer Science (Honours) <i>International Islamic University Malaysia (IIUM)</i> <ul style="list-style-type: none">• Specialization in Computational Intelligence and Data Science• CGPA - 3.99/4.00

SKILLS

Key Skills	Languages	Tools and Libraries
<i>Data Engineering, Data Science, Machine Learning</i>	<i>Python, R, Java, C++, MySQL, PL/SQL, JavaScript, HTML/CSS</i>	<i>Alteryx, Azure DevOps, PowerBI, GCP, Dataiku, Git, Bash, PaperSpace Gradient, Heroku</i>

AWARDS

IIUM Academic Excellence Award

Scholarship awarded for maintaining a CGPA greater than 3.8 for the duration of studies

Gold - Final Year Project [Research Category]

Awarded best project in the research category for work on mortality risk prediction of COVID-19 patients using chest X-rays

PROFESSIONAL EXPERIENCE

January 2022 – September 2022 Kuala Lumpur, Malaysia	Schlumberger <i>Data Analyst Intern</i> <ul style="list-style-type: none">• Completed coursework and was certified as Dataiku Core Designer as part of department's focus on Data Science projects• Proposed novel method to expedite data analysis operations using interpretable machine learning and validated said method with Subject Matter Expert• Learnt Dash and developed a WebApp for prediction of Project Costs based on Inflation Rates• Implemented end-to-end data pipeline for sprint planning dashboard using Azure DevOps REST API, SSMS SQL, Alteryx, and PowerBI leaving behind ample documentation and following best practices• Prepared similar end-to-end pipeline to gauge department KPOs via dashboard
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PROJECTS

COVID-19 Mortality Risk Prediction

Python, TensorFlow, FastAI, Google Colab

Led a two-person team to work on a deep learning model that acts on chest X-rays. Uses a large variety of machine learning tools. The model can be deployed for testing and demonstration purposes.

Sensor Fault Detection

Python, Scikit-Learn, Google Colab

Conducted exploratory data analysis and developed a model for fault detection on time series based sensor data. The analysis can be found here [↗](#), while the model can be found here [↗](#).

Crime Detection Based on NYPD Public Data [↗](#)

Python, Scikit-Learn, Matplotlib

Led a team to answer various descriptive and exploratory questions with respect to public NYPD crime data, culminating in developing a machine learning model to evaluate the viability of predicting crime. [↗](#)

Genetic Algorithm Implementation for Knapsack Problem

Python

Implemented an algorithm based on the Genetic Algorithm to stochastically achieve a solution to the 1/0 Knapsack Problem

Malaysian Water Infrastructure Analysis [↗](#)

Excel, R

Led a team to perform analysis on Malaysian government water service data using R, excel, and visualization tools. The report on our findings can be found here. [↗](#)

Nutrition Management System

SQL

Led a team to develop a database that serves as a nutrition management system using SQL. Made full use of interim data, complex queries, procedures, functions, and views

EXPERIENCE

Leadership and Project Management

- Led tens of teams on projects both in and out of university, technical and non-technical.
- A main board member in a recognized student society which is at the helm of the niche it targets.
- Project Manager of a six-week online convention with speakers from around the globe.

Language and Communication

- Was a quasi-journalist for hire writing about consumer technology ever since the age of 12.
- Culminated in getting my piece published in a technology magazine with a readership of about a quarter million at the age of 15.
- IELTS - Band 9, CEFR - C2 (highest level of proficiency)

Domain Competence

- Understanding on computing, storage, networking, scripting, developer tools, and big data can be gauged via academic standing.
- Possesses additional experience in operating Linux and WSL (Windows Subsystem for Linux).