

# JEREMIAH WANGARURO

## Data Scientist

☎ +353 (0)87-381-7625    @jeremiah.ruro@gmail.com

### SKILLS

#### Technical Skills

Python    SQL

Predictive Modelling

Data Mining    Data Visualisation

Recommendation Systems

#### Tools/Frameworks

AWS Sagemaker

AWS CodePipeline    TensorFlow

PowerBI    Microsoft SSAS

DevOps

### PROJECTS

#### Co-Innovate Project

📅 11/2020 - 11/2021    📍 Sentireal

A R&D project to develop a personalised recommendation system for an immersive (VR/AR) authoring solution. Tools/ Frameworks used include: AWS Sagemaker Studio, AWS Developer Tools, AWS Cognito, AWS Lambda, TensorFlow.

#### Multi-criteria Recommender Systems

A comprehensive comparative study investigating the effectiveness of multi-criteria ratings on recommendations to rationalise the extended overhead. Resources: SQL, Python, Scikit-Learn, Pandas, SciPy

### PUBLICATIONS

#### The AI Journal

Publication on online Journal:  
<https://aijourn.com/recommender-systems-in-virtual-learning-environments/>

### SUMMARY

Highly motivated computer science graduate with 2.5 years Data Science experience in areas such as Data Mining, Machine Learning and Predictive Analytics. Programming languages include Python and SQL.

### EXPERIENCE

#### Data Scientist

Civica

📅 02/2022 - Present    📍 Belfast, UK

Primarily work as a Data Scientist for a public sector client in the legal space. I'm tasked with refactoring/optimising their on-premise PowerBI/Microsoft SSAS reporting solution. Highlights include: 30% reduction in report processing time, Enhanced reporting visuals with the addition of KPI measures. Tools/Frameworks used include:

- Microsoft SQL Server Analysis Services (SSAS)
- PowerBI Report Server
- T-SQL, Microsoft SQL Server Management Studio

#### Data Scientist

Sentireal

📅 11/2020 - 02/2022    📍 Belfast, UK

End-to-end Data Scientist. Tasks included: problem framing, data engineering, machine learning, deployment/maintenance of CI/CD pipelines and data visualisation. Tools/ Frameworks used include:

- AWS e.g. Sagemaker, Developer Tools, Cognito and Lambda
- Atlassian e.g. Jira, Confluence, BitBucket
- PowerBI
- Python, Tensorflow, Pandas, Scikit-learn

#### Management Consultant (Placement)

KPMG

📅 03/2019 - 08/2019    📍 Dublin, Ireland

Interned for professional exposure over a 6 month period during which I worked on a reconciliation project for a major bank. Tasks included: risk analysis, remediation operations, quality assurance. Tools/Frameworks used included:

- Ringtail eDiscovery software for risk assessment
- Microsoft Excel for remediation calculations
- Microsoft Word for letter templating

### EDUCATION

#### BSc in Computer Science with Data Science

University College Dublin

📅 2016 - 2020    📍 Dublin, Ireland

GPA

**3.43** / 4.2

- Achieved a Second Class Honours Grade 1 (2:1)
- Notable Modules: Data Science in Python, Programming for Big Data, Probability Theory, Project Management and Introduction to Artificial Intelligence

### FIND ME ONLINE



/jeremiahwangaruro  
[www.linkedin.com/in/jeremiahwangaruro](http://www.linkedin.com/in/jeremiahwangaruro)



/jeremiah-wa  
[www.github.com/jeremiah-wa](http://www.github.com/jeremiah-wa)