

ADRIAN NG

EXPERIENCE

Data Quality Analyst

IAG Cargo

- 📅 October 2020 – Ongoing 📍 Aviation
- Investigated Data Quality issues with bitmaps, snapshots, and dashboards
 - Lead the initiative to bring GitHub to the team
 - Performed Data Issues Management using Kanban
 - Chaired meetings, brokered information between business and suppliers
 - Coached others on Markdown, Git, SQL best practices (indexing, recursion)
 - Wrote Python scripts; Unit testing with UnitTest framework
 - A/B testing with statistical analysis and experimental design

Junior Data Engineer

IAG Cargo

- 📅 June 2019 – October 2020 📍 Aviation
- Developed data transformation processes in Oracle
 - Developed data ingestion microservices using PnP PowerShell
 - Version control using Git

Data Insight Analyst

Manchester City FC

- 📅 January 2018 – July 2018 📍 Football
- Performed Data Quality investigation for New York City FC with Ticketmaster datasets
 - Built customer segmentation and data quality reports in Tableau on Experian, Salesforce datasets

Senior CRM Campaign Executive

Creator

- 📅 December 2013 – September 2016 📍 Marketing
- Developed ingestion and transformation processes in SQL Server
 - Task management using JIRA

PROJECTS

Modeling Flights with Directed Acyclic Graphs in Oracle

IAG Cargo

- 📅 January 2020 – April 2021
- SQL Development project to construct flight models in Oracle database, achieving efficiencies with recursive approaches
 - Techs: Alteryx, Oracle, project management in GitHub

User Configured Data Ingestion Service

IAG Cargo

- 📅 October 2019 – January 2020
- Data Engineering project to allow users to create configurable ingestion pipelines between Sharepoint filesystem and Oracle database.
 - Techs: Python, Powershell 5.1, Sharepoint PnP, yaml, SQL*Loader, Oracle

CERTIFICATES

Functional Programming Principles in Scala

École Polytechnique Fédérale de Lausanne

- 📅 August 2020 📍 coursera.org/verify/CVTBRL4T32UJ

CONTACT

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EDUCATION

MSc. in Data Science & Analytics

Royal Holloway, Department of Computer Science

📅 Oct 2016 – June 2017

Dissertation title: Implementing Value at Risk Measures in Java

modelling time series financial data

BEng. in Mechanical Engineering

King's College London, School of Engineering

📅 Oct 2007 – June 2010

SOFTSKILLS

Coaching Planning Collaboration
Resource Management Result Tracking
Leadership Innovation Prioritisation
Master Communicator
Time Management

PROFESSIONAL SKILLS

SQL
Git
Java
Python
Scala

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STRENGTHS

- Management

Kanban GitHub

- Development

SQL Query Optimisation Git
Python yaml

- Development Tools – DB

SSMS SQL Developer DBeaver

- Development Tools – IDE

VS Code IntelliJ