

## OVERVIEW

Studying Economics at University showed me the importance of data; it provided me with the opportunities and skillset to be able to research, analyse and present my findings with confidence. These skills were demonstrated during my final year project where I utilised a range of data sets to investigate if there is a correlation between a person's wellbeing/health and the health of the economy.

After graduating I worked within the energy broker Make it Cheaper in roles which involved pricing and analytics in the UK and Australia, the further exposure to analytics and in particular being able to make actionable insights based on my findings solidified my passion for data and analytics and from then I knew this was career path I wanted to pursue.

From living abroad for both university and employment I have immersed myself in a variety of cultures, gathered a wealth of experience, and developed myself both professionally and personally. Combined these attributes enable me to adapt effectively to different situations and communicate successfully with people from different backgrounds.

## WORK

### DATA ANALYST – KUBRICK GROUP, LONDON

May 2017 – present

In addition to intensive learning, whilst at Kubrick I have worked in agile teams on many client projects deepening the skills I have learned.

The data analytics projects which I have worked on have proven my skills in efficiently sourcing, processing and analysing large datasets both stored on-premises and cloud based. This has enabled me to deepen my analytical skills through data visualisation in: Python integrated Tableau, open source Plot.ly as well as through predictive modelling using the Python Sklearn module.

Examples of value I have added to businesses include insight derived from real time streamed social media analytics, as well as predictive insights extracted from client side relational data warehouses and NoSQL systems.

### MAKE IT CHEAPER AUSTRALIA: SALES AND BUSINESS PERFORMANCE ANALYST

October 2016 – April 2017

I worked closely with management to improve the productivity and overall performance of the company. Using Google Analytics, I compared inbound lead sources e.g. PPC and SEO as well as, monitored sale targets, provided recommendations and implemented process improvements e.g. call-back system to optimise the sales-funnel.

### MAKE IT CHEAPER UK: PRICING CONSULTANT

May 2015 – September 2016

Within this position, using my commercial decision making abilities, I ensured the speedy and accurate availability of bespoke prices; this involved working within a fast paced, high risk role. I provided management and a point of contact for the off-shore team in Bangladesh via training and implementation of processes. I guaranteed the prices on UkPower website were correct and that the website was compliant in accordance to the OFGEM quarterly audit.

### LEVEL 2 SWIMMING TEACHER

July 2009– May 2015

Teaching swimming has provided a versatile foundation of skills which can be interchangeable within the workplace. Not only has it allowed me to develop strong communicative skills and the ability to explain complex situations in a simpler manner, it has enabled me to provide support, mentoring and the confidence to work towards goals.

## EDUCATION

### UNIVERSITY COLLEGE DUBLIN, ECONOMICS, 2:1

2012 – 2016

Although I have an all-round passion for Economics, I particularly excelled in the Quantitative and Advanced Economic Analysis modules in which I achieved First class honours GPA scores. Outside of the classroom I was very involved in university life and extra curricula activities, by enrolling in the musical society, GAA Camogie team and the Economic Society.

## KEY SKILLS

I am experienced and qualified in the following technologies and disciplines:

**Data Skills:** SQL, Python, Pandas and SciPy, Sklearn, Tableau, Plot.ly, Hadoop & Apache Spark

**Security Skills:** Git, Security and Kerberos, SSH & Linux, GDPR

**Data Warehousing:** SQL, Hive (HQL) & Kimball methodology

**SDLC:** Agile & problem solving

**Documentation:** LaTeX and Markdown

**Soft Skills:** Presentation skills

**Specialisms trained in:** Retail, AML, Credit Risk

**Certifications:** Tableau Desktop 10 Qualified Associate

Expertly trained by **Lavastorm** in their newest data integration and analysis product - **Dataverse**.

## MICHELLE MALONE

Data Analyst

## ABOUT ME

My first main exposure to using data was at University, where I often combined the use of data sources with Econometrics and Economic theory to analyse macroeconomic issues. Examples of these are regular concerns in current affairs such as maintaining inflationary levels within the Bank of England's 2% target, trends in unemployment and increased regulation surrounding data breaches.

I knew I wanted to work in a field which enabled me to use my findings to actually make a difference in a practical, actionable way.

With technologies advancing rapidly in our modern society, a day doesn't go by without new innovative uses for data making media headlines. Data is the future, and I want to be a part of it.

In recent years, data has played a big part in my progress in sport, which has been a major part of my life from a young age. Being able to track and monitor my training through my fitness watch has been critical in recently completing my first 2km open water swim as well as completing the 3-peak challenge.

I am always looking for the next step up and am now training for either a triathlon or a marathon.

## CONTACT US

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