**KAYAN MARSHALL**

**Data Analyst**

**Profile**

Kayan is a Data Analyst with a degree in mathematics from the University of Greenwich. This degree helped her progress her logical, computational and professional development. She gained powerful communication skills and the ability to tackle complex technical challenges; she always has a flexible and enthusiastic approach to all tasks and projects. Being a team leader, Kayan had to deal with a diverse range of customers while supporting her team members. Her love for creating different models, such as a regression analysis in Python where she thinks of all the possible requirements and functionality for users has motivated her to work in technology; leading her down the path of a Data Analyst.

Kayan can construct many data models and analyse data using many softwares; as most companies are looking to expand their businesses using technology. Completing her work placement at a technology company gave her great insight into how software can adapt to meet the client’s needs. She also gained experience in working with different OOP languages, such as Java and Python. Kayan would like to work for a fast-paced and ambitious organisation that can offer development training and project-based learning, where she has the opportunity to strengthen her skills in analysing data.

**Education**

**Greenwich University September 2016 – June 2019**

**BSc (Hons.) Mathematics, 2:1**

Modules included:

Numerical Mathematics and Computer Algorithm

Statistical Models

Coding and Cryptography

**Loxford School of Science and Technology September 2009 – June 2011** A-Level: Mathematics (C), Accounting (C), Business (C), AAT Level 2

**Other Skills:** Microsoft Office, Python, SQL, Tableau, Intermediate with JavaScript and HTML, SAS, SAS Data Integration, Machine Learning, NLP

**FDM Training**

**FDM Academy, London**  **June 2019 – August 2019**

Kayan has completed the Java Development programme. This programme included the following modules:

**JAVA**

1. **Professional Skills** including development lifecycle, presentations & report-writing;
2. **Introduction to Dev with Python I** including Data types, control structures, algorithm development, and program design with functions;
3. **Introduction to Dev with Python II,** including Data types and expressions, loops and selection statements, algorithm development, lists and dictionaries, and program design with functions;
4. **Web Apps Design** including HTML 5, CSS3, JavaScript, XML & XSL ;
5. **Introduction to coding with Java** including variables, arrays, if statements & loops. It also includes modularising the code using methods;
6. **Storage and Compute I** including server architecture, SQL databases and the Unix command line;
7. **Storage and Compute II** including systems security and distributed systems;

**Previous Employment History**

1. **Object Oriented Development I** including fundamentals of object orientation: classes, objects, inheritance, polymorphism, interfaces. It also covers Test Driven Development (TDD) using Junit and Mockito;
2. **Object Oriented Development II** including advanced Java topics: collections, generics, exceptions, IO, threading, SOLID principles, Design patterns;
3. **Java Data Access** including how Java uses JDBC and JPA to interact with a database;
4. **Spring and Spring MVC** including Dependency Injection framework and dynamic MVC based web development;
5. **Final Group Project I&II** including Practical project designed to consolidate course material, delivered as part of a team using Agile methodologies and Git source control.

**Pictet Technologies, Luxembourg    September 2019 – November 2019**

*Junior Software Engineer*

* Working within a scrum team to develop the client on-boarding process using Appway
* Communicate with the team and the scrum master in daily stand-ups, highlighting any blockers or new ideas that may improve the software
* Perform story grooming, giving a prediction on how long a user story may take
* Presenting work, to highlight the progress and update any user stories estimated development times
* Planning meetings with the Business analyst, to understand new requirements added to the sprint and determine priorities
* Designing reusable interface components in Appway, with user experience in mind
* Developing new functionalities, both back-end and front-end
* Designing, developing and adding functionality to existing software

**Transforming Systems, London    October 2018 – March 2019**

*Data Analyst*

* Manipulating, cleaning & processing data using Excel, Tableau, VBA, and SQL
* Using Python to create different models, to analyse different outcomes
* Responsible for loading, extracting data and making it readable to non-mathematical clients whilst keeping confidential data secure
* Data entry, data auditing, creating data reports & checking all data for accuracy
* Responsible for creating reports on statistical findings for others
* Good interpersonal skills; communicating with the project manager to make sure the data entered is correct

**Tesco, Essex    March 2012 – March 2018**

*Team Leader*

* Analysed sales and waste reports daily to ensure our KPIs are met by the end of the week
* Organised shifts and led the team by delegating tasks that will keep the shop organised and ready for trade
* Communicated with other stores and various departments of the business via calls and emails
* Led reporting statistical findings to work colleagues and senior managers every week so we meet our KPI as a team
* Acted as administrator and Stock Controller when the manager was away or on holiday
* Supporting the manager by completing weekly stock accuracy checks and filling out essential paperwork, such as the stock movement report, analysing and any unusual discrepancies
* Handled cash with no discrepancy
* Attracting new customers and keeping customer loyalty by offering fantastic service

**Interests and Activities**

Kayan enjoys dancing and has been dancing from an early age and has conducted several stage performances. It has taught her patience, perseverance and has helped build her self-assurance and self-confidence. Kayan volunteers at a homeless feeding charity twice a month to help the less fortunate, offering food and cutlery while interacting with people from a diverse range of backgrounds; providing them with a listening ear.