

Yasseen Ahmanache

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Professional Profile

Aspiring Software engineer with a passion for Data science, seeking to embrace a career in this rapidly evolving domain spanning through a wide array of industries. My aim is to broaden my knowledge and sharpen my skillset in this field as I consider this to be the next big leap in my learning curve.

Creativity, persistence and the ability to deal with people have been my greatest assets, I am energetic and hard working with strong organisational ability; always focused on achieving goals and enjoy the challenge to complete every project I start.

Education and Qualifications

MSc Data Science	The Robert Gordon University, Aberdeen Big Data , traditional and unconventional data management , including acquisition, storage, Data warehousing techniques and applications, Data mining , Machine learning techniques , analytics , visualisation tools and techniques, Design and implementation of intelligent web-based information systems	Sep 2020 - 2021
BSc (hons) Computing (Application and software development)	The Robert Gordon University, Aberdeen <i>Modules Include: Big Data, Mobile App development, Artificial intelligence, Web development, Operating systems, Cyber security and Cryptography, Cloud computing, Web security, Human computer interactions, computing ethics and law and honours project (Identifying phishing websites through the use of machine learning)</i>	(2018-2020)

Key I.T. Skills

AI, R, **Python**, **JAVA**, Machine learning, Deep learning, Hadoop, Pig Latin, RapidMiner, **SQL** Server Integration Services (SSIS), MongoDB, **AWS**, **Azure**, Various web development tools and languages including HTML, CSS, **JavaScript**, PHP, Flask, Ajax, **Node JS**

Projects

Honours project

Identifying phishing websites through the use of machine learning: BSc final year project, the aim is to develop a website that uses a machine learning algorithm to detect whether a website is a phishing one or not through assessing the different components of the URL. Part of the project involves using and

evaluating different classifiers (**KNN**, **Random Forrest**, **Naïve bayes**, **SVM**) and selecting the best fit for the project requirements. For deployment, I created a website using the state-of-the-art server-side programming languages **python** and **Flask** to allow users to verify the validity of a URL using my machine learning model.

Masters project

Talk dynamic analytics for AI augmented workplace conversations: the aim of the MSc project is to develop a framework for a talk dynamics insight service. With talk dynamics analytics, we can analyse data in the turn-taking behaviour of a conversation. The goal is to use this service to recognise different events in workplace conversations such as cross talk, monologues, group silence etc. The project involved helping the company move their application from AWS into Microsoft teams. This involved a feasibility study to aid the company in entering this new domain. It included researching the application's processes, approaches and solutions that can be used to achieve the required outcomes.

Career Summary

October 2017 – April 2021 Part time customer service advisor (Argos)

- Provide outstanding support to customers.
- **Team player**, communicate well with both colleagues and management.
- **Focused on identifying customers' requirements** and ensuring their satisfaction through **effective service**.
- **Very organised**, part of a team involved in organising stock and orders through the company's system.

May 2021 – August 2021 Full time placement with Dec Blue

- Communication and presentation skills through multiple briefings and showcase meetings.
- Focused on researching the topic as per the company's requirement and the MSc project guidelines.
- **Ability to adapt to the change** in the company's aims and objectives for this project.
- Facilitating the transition from **AWS** web application to Microsoft teams' application with **Azure**.

Personal Details

Languages: **Fluent in English and Arabic**
Other: Full clean driving licence

Interests and Activities

Interest in technology, enjoy building customised computers.
Football fan: Spanish la Liga & English Premier league.
Play for the Aberdeen grammar rugby club