

Jimmy Joseph

ARTIFICIAL INTELLIGENCE · PETROLEUM ENGINEER

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Education

MSc Artificial Intelligence [1st Class Honors]

Aberdeen

UNIVERSITY OF ABERDEEN, (ACCREDITED BY THE DATA LAB)

Sep 2017-Sep 2018

- **Notable Courses:** Machine Learning, Data Mining and visualisation, Natural Language Generation, Software Agent systems, Knowledge Representation and Reasoning.
- **Thesis Project:** Adaptive Traffic Light Simulation using Multi-Agents in MATSim [Java, Maven]

MEng Petroleum Engineering [2.1 Honors]

Aberdeen

UNIVERSITY OF ABERDEEN, (ACCREDITED BY IMECHE AND EI)

(Sep 2012-Jun 2017)

- **Notable Courses:** Electronic Design, CAD and Communication, Fluids and Thermodynamics, Process Engineering, Project & Safety Management, Field Development and Economics.
- **Thesis Project:** Chemical EOR Simulation of North Sea Reservoirs [Petrel, Eclipse]

Relevant Skillset

Technology

Impeccably experienced with Technology, with good experience in **Python**, **R** and **Java**. I am proficient enough to create websites and graphics used for my first business, and I am a fulltime user of **GNU/Linux**. I also use **GitHub** to manage my software projects. Being a skilled computer user, I am sure I can learn new software skills with ease.

Problem Solving

As the President of the Engineering Society, I tackled several problems and got the opportunity to suggest solutions from a superior's perspective, such as shrinking budget for an event or tackling group conflicts. My degree studies have developed and sharpened my rational and logical problem-solving skills.

Communication

My communication skills have improved by undertaking a position with a Public Speaking Society. Furthermore, I was involved in creating reports and specialised emails in academic and social situations. As an active member of societies, I regularly communicated with the committee, members and higher officials via email and face to face interactions.

Team working and Leadership

My team working skills were developed by participating in an editorial role in the school magazine, and I have also picked up an adaptive approach in my current position at Tesco. As President of the Engineering Society, I carefully worked with a team of 15 and made executive decisions for the society's future.

Organisational

Working in a busy retail environment, I gained great time-management skills by prioritising tasks while working smoothly under pressure. As the VPM of Toastmasters, my primary responsibility included processing and organising applications and memberships amongst others. I use productivity apps to manage my daily and long-term goals.

Noteworthy Experience

President

Aberdeen

ENGSOc, UNIVERSITY OF ABERDEEN

(2016-2017)

- Oversaw the whole committee and society
- Made sure the organisation was moving forward
- Managed a team of 15 members.

Class Representative

Aberdeen

UNIVERSITY OF ABERDEEN

(2012-Present)

- Elected as the Class Rep for various courses
- Primary duties include liaising with students and staff regarding course improvements.

Vice President Memberships

Aberdeen

TOASTMASTERS

(2014-2015)

- Vice President of Membership is responsible for managing, registering and awarding members and speeches
- Roles improve public speaking, evaluation and leadership skills
- Part of Public speaking and leadership focused society

Treasurer

Aberdeen

ENGSOc, UNIVERSITY OF ABERDEEN

(2016-2017)

- Responsibilities included setting budgets and overseeing spending of the committee
- Optimising for maximised of returns for minimal expenditures

Honors & Awards

2018	DATALAB Scholarship , A collaborative programme between The Data Lab and eleven Scottish universities. It facilitates industry involvement and collaboration and provides full funding and resources for students.	Aberdeen
2017	Chevron Specialist Scholarship - Petroleum Engineering , Awarded by commendable academic merit and demonstration of specific personal characteristics.	Aberdeen
2016	Kings Award (UoA) , Awarded for outstanding work as Vice President of the Engineering Society	Aberdeen
2015	World Finalist in SPE Petrobowl (SPE International) , Participated in SPE hosted Final Petrobowl Championships during the 2015 ATCE	Houston, Texas, USA
2014	STAR Award (UoA) , Students Taking Active Roles. University recognition for development of Aberdeen Graduate Attributes.	Aberdeen
2014	SPE International Student Bursary Award (SPE Aberdeen) , Awarded for high involvement and participation in the society.	Aberdeen
2012	S5 Medallist (Banff Academy) , For excellence and overall performance in 5th Year.	Banff, UK
2012	ACE Winches Perpetual Trophy (Banff Academy) , Banff Academy's Technology Student of the Year.	Banff, UK
2008	Hilda De Felice – The School Magazine (Banff Academy) , Recognition for working actively in the School Magazine Committee.	Banff, UK

Interests and Hobbies

As a curious person, I am always looking to improve my perception of the world. I spend a considerable amount of time watching documentaries and reading non-fiction books. Although I have a variety of topics of interest the main ones are engineering, economics, science, philosophy, health and sociology. I also love listening to music and going for a run.

References available upon request.