

# Jimmy Joseph

ARTIFICIAL INTELLIGENCE · PETROLEUM ENGINEERING

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## Education

### MSc Artificial Intelligence [Distinction]

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.

### Organizational

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

### Company Director

PARAKAT LTD

[Aberdeen](#)  
(2016-Present)

- Research and design of products
- Dealing with fiscal responsibilities
- Selling rechargeable plasma lighters

### Intel AI Student Ambassador

INTEL AI ACADEMY

[Aberdeen](#)  
(2017-2018)

- Organising workshops
- Learning and teaching students using resources from Intel

### President

ENGSOc, UNIVERSITY OF ABERDEEN

[Aberdeen](#)  
(2016-2017)

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

### Vice President of Memberships

TOASTMASTERS

[Aberdeen](#)  
(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

## Honors & Awards

2018	<b>DATALAB Scholarship</b> , 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.	<a href="#">Aberdeen</a>
2017	<b>Chevron Specialist Scholarship - Petroleum Engineering</b> , Awarded by commendable academic merit and demonstration of specific personal characteristics.	<a href="#">Aberdeen</a>
2016	<b>Kings Award (UoA)</b> , Awarded for outstanding work as Vice President of the Engineering Society	<a href="#">Aberdeen</a>
2015	<b>World Finalist in SPE Petrobowl (SPE International)</b> , Participated in SPE hosted Final Petrobowl Championships during the 2015 ATCE	<a href="#">Houston, Texas, USA</a>
2014	<b>STAR Award (UoA)</b> , Students Taking Active Roles. University recognition for development of Aberdeen Graduate Attributes.	<a href="#">Aberdeen</a>
2014	<b>SPE International Student Bursary Award (SPE Aberdeen)</b> , Awarded for high involvement and participation in the society.	<a href="#">Aberdeen</a>
2012	<b>S5 Medallist (Banff Academy)</b> , For excellence and overall performance in 5th Year.	<a href="#">Banff, UK</a>
2012	<b>ACE Winches Perpetual Trophy (Banff Academy)</b> , Banff Academy's Technology Student of the Year.	<a href="#">Banff, UK</a>
2008	<b>Hilda De Felice – The School Magazine (Banff Academy)</b> , Recognition for working actively in the School Magazine Committee.	<a href="#">Banff, UK</a>

## 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 interests the main topics are technology, economics, science, philosophy, health and sociology. I also enjoy listening to music and going for a run.

**References available upon request.**