

FARIS ALBLOOKI

+971556222664

Machine Learning Engineer

falbelouki@gmail.com www.farisalblooki.com www.linkedin.com/in/farisalblooki Arabic-English (Fluent) Nationality: Emirati

Summary

I graduated with BSci and BEng in Computer Science from the University of York, where I honed my skills in computer science, mathematics, and algorithms through various group projects and fieldwork. After graduating, I joined Saab as a Machine Learning Engineer, focusing on object detection algorithms and image splicing. Currently, at R3, I develop educational content including articles, videos, demo apps, and presentations. I also act as an expert resource for our developer community, creating engaging Corda-related materials such as documentation, blog posts, tutorials, and coding challenges. Additionally, I provide technical training and develop content for our Professional Service team to support enterprise developers.

Projects

- 2020 - 2022* **Procedural Animation Spider like creatures** | Personal project
I have worked and developed a procedurally animated spider. Posted the code alongside a full YouTube video explaining it step by step. <https://www.youtube.com/watch?v=EdjAYrssxDM>
- Oct 2022 - Nov 2022* **Created a music robot for Discord** | Personal project
I created a bot to play music through from YouTube straight to a discord voice call. Since there were no commercially available bots due to copy right issues. <https://github.com/parisyup/musicbot>
- Oct 2022 - Oct 2022* **Image generation through speech** | Personal project
Created a python program that listens into the microphone and sends an AI-generated image using an API from what it listens to. Connected it to discord to use it as a bot to generate images on demand from text or from a video, where it uses the text recognition software to generate an image of what it heard in the video.
- Apr 2022 - May 2022* **Created a neural network trained on the CIFAR-10 set to identify images** | University of York
(Course: INT2, Grade: 70%) Created a neural network classifier that takes an image as its input and predicts a specific class as its output. The neural network has been trained on the CIFAR-10 training set and has been evaluated on the official CIFAR-10 test set with a 93% accuracy. <https://github.com/parisyup/int2>
- Sep 2018 - Jun 2019* **Created a website to identify and track educational journeys** | Applied Technology High School
Created a website (using PHP, CSS, HTML, MySQL, and JavaScript) to maintain a database with every school in the UAE and a system to plan out a whole education journey from start in kindergarten to university with everything in mind (tuition, information, grades and requirements)

WORK EXPERIENCE

- Jun 2023 - Aug 2023* **Machine Learning Engineer** | Saab
During my employment at Saab I worked on creating and developing object detection algorithms using Python and libraries like PyTorch and models like YOLOv8,5,3 and Detectron all within Docker containers.
- Oct 2023 - Aug 2023* **Associate Engineer** | R3
At R3, I handle all development-related tasks. My role involves creating a wide array of educational content, including articles, videos, and demos, and providing expert support to our developers. I develop engaging Corda materials, such as documentation and exams. I also create and deliver technical training for our Professional Services team and developers, leveraging my broad software engineering expertise.

FORMAL EDUCATION

- Sep 2019 - Jun 2023* **Bachelor of Science and Engineering in Computer Science** | University of York (Equivalent of 3.7 GPA)
- Feb 2022 - Apr 2022* **Machine learning** | Stanford University - (Online completed course)
- Sep 2019 - May 2020* **Foundation degree, Foundation Certificate in Physics, Mathematics, Computing and Electronic Engineering** | Kaplan International Pathways
- Sep 2015 - Jun 2019* **High School Diploma, Computer Science** | Applied Technology High School