FARIS ALBLOOKI

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Software - AI Engineer

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Summary

I graduated with a BSci and BEng in Computer Science from the University of York, where I developed expertise in machine learning, algorithms, and software engineering through hands-on coursework and projects. During my studies, I created a neural network classifier trained on the CIFAR-10 dataset, achieving 93% accuracy, as well as other innovative projects such as a Discord music bot and an AI-powered image generator.
After graduating, I joined Saab as a Machine Learning Engineer, where I developed object detection algorithms using PyTorch, and Dockerized models like YOLO and Detectron. Then I became a Developer Evangelist at R3, where I created documentation, tutorials, and demo apps, and provided technical training on Corda to support enterprise developers.
Currently, as an Associate Engineer at R3, I maintain and optimize internal codebases, explore new features, and deliver detailed learning resources. I also provide technical support to clients, assisting in the development and deployment of projects like the Digital Dirham (CBDC) for the Central Bank of the UAE, while contributing to R3's AI initiatives.

Projects

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 of the prompt said. Integrated it to discord as a bot to generate images on demand from text or from a video, using 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
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

WORK EXPERIENCE

Jun 2024 - Jan 2025 **Associate Engineer -/- Software Engineer** | R3
I maintain and optimize internal codebases to ensure functionality and performance across company projects. I explore and test new features, developing detailed learning materials, including documentation and tutorials, to support developers in adopting these features. Additionally, I provide technical support for clients working with Corda, troubleshooting issues and ensuring smooth platform integration. A key part of my role is supporting the implementation of the Digital Dirham (CBDC) project for the Central Bank of the UAE (CBUAE), where I assist with development and deployment tasks. I also partook in helping clients with technical issues and development problems and helped develop the AI side of R3's AI.

Oct 2023 – Jun 2024 **Developer Evangelist -/- Software Developer**| R3
My responsibilities at R3 are to contribute to the development of educational content, which includes articles, videos, demo apps, and presentations. I also serve as an expert resource for our developer community, staying updated on our platform's capabilities and the technical landscape. My main responsibility is to create engaging Corda-related materials, such as documentation, blog posts, tutorials, demos, coding challenges, support articles, YouTube videos, and feedback surveys. Additionally, I provide technical training on Corda and develop training content for our Professional Service team to educate enterprise developers. I also contribute to updating and maintaining applications for developer use.

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.

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 - (Coursera)