

Ahmed Fathy

Machine learning engineer with +4 years of experience building high quality softwares. I have very good communication and presentation skills and I love teaching complex concepts in simple ways.

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EXPERIENCE

Tahaluf Al Emarat Technical Solutions, UAE—ML engineer

June 2021- PRESENT

In my first 6 months I built a backend server to solve specific routing optimization problems (VRPTW) for a governmental client in the UAE which was a successful project .

After that I worked in a bigger team to implement NO-CODE platform for citizen data scientists that will automate the process of generating predictive models with ease.

I also made data generation software from high quality 3D games to help a computer vision team. This project raised the accuracy of their models by training on synthetic data.

RoboEye Tec, Cairo—Software engineer

April 2019 - June 2021

Worked in a POC for a self-driving car where I was responsible for establishing the communication between embedded systems and processing servers by building high speed node js servers.

This project received investments from Nile University in Egypt and other institutes after showing promising results.

EDUCATION

MIT University, Cairo— Bachelor of Computer science & AI

June 2017 - July 2021

Graduated with CGPA 3.1.

PROJECTS

My Own Projects — see the link below

You can see my own projects in my portfolio.

SKILLS

Proficiency in Python.

Matplotlib & seaborn.

Deep understanding of Machine learning algorithms.

Experience in data analysis and cleaning.

Experience with ML frameworks TensorFlow, Keras, and Scikit-learn.

Proficiency in data manipulation and analysis tools, such as Pandas and NumPy.

ML models deployment using flask.

AWS cloud computing.

Docker & Kubernetes.

LANGUAGES

Arabic: Native

English: Fluent