



# Saif Al-Hail

Artificial Intelligence Engineer

## Details

### Address

Doha  
Qatar

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## Skills

### Machine Learning



### Computer Vision



### Deep Learning



### Python



### Algorithm Development



### Artificial Intelligence



### Algorithm Integration



### Data Science



### Image Processing



### GitHub/Gitlab



### Decision Trees



### Database Management



### Full Stack Development



## Profile

AI Engineer with 3 Years of experience in Machine Learning, AI, and Deep learning. Strong learner, self-sufficient, and Objective focused. Self-taught in Computer Science, passionate about technology with a strong belief in it. Excellent reputation for resolving problems and implementing solutions and improvements into systems.

## Projects & E-Portfolio

[www.salhail.com](http://www.salhail.com)

Projects Created / E-portfolio. This site contains integrated projects that I have personally worked on. All the projects, integration, and website are self-created & sustained.

## Employment History

### Artificial Intelligence Engineer, Barzan Holdings

Jun 2020 – Present 📍 Doha

- Worked with Machine Learning Algorithms, using CNN Networks, Computer Vision.
- Worked with Deep Learning Algorithms.
- Used Python Extensively to program.
- Using MATLAB to program.
- Using a Variety of Frameworks; such as PyCharm, Scikit-learn, PyTorch, NumPy, etc for development.
- Used Django & Flask for Back-end Development.
- HTML/CSS/JS for Front-end Development.
- Worked with Computer Vision & Neural networks a lot, used a variety of top & latest networks. for better accuracy networks in AI.
- Data Science (Data Analytics) & Statistics for gathering and processing Data.
- Developed Web Scraping tools & techniques to gather information, process it, and use that as input to Neural Networks.
- Worked with developing AI systems from scratch and integrating them into existing systems, while maintaining the system for future development.
- Git, pipelines, automated deployment & project deployment.
- System Integration.
- Full Stack Development.
- Agile Software Development for all projects

### Maintenance Planning Engineer, Qafac

Jul 2017 – Jun 2020 📍 Doha

- Working with specifications of the equipment.
- Calculating errors and outlining equipment issues.
- Intensive detail focuses on equipment specifications.

## Website & Application Development



## Data Analytics



## Languages

### English



### Arabic




## Links

### E-Portfolio


- Understanding process flow of plant to analyze correct times of maintenance or shutdown of equipment.
- Planning of correct timings of equipment shutdown.
- Planning PM and CM jobs for different departments.
- Preparing Equipment's technical evaluation outlining the intensity of equipment roll within the specific process in the plant.
- Organizing large projects of a shutdown process and contacting different departments to execute the job.

## Education

### University of Essex, Master of Computer Science

Sep 2022 – Present  London

### Coventry University, Bachelor of Mechanical Engineering

Aug 2013 – May 2017  Coventry

### IELTS 7.5 Overall

 Doha

## Frameworks

### Frameworks & Technologies

PyTorch, PyCharm, NumPy, Scikit Learn, Primavera, Django, Flask, Python, Firebase, HTML/CSS/JS, Swift, TensorFlow, Matlab, Rest API, NLP, Keras, Supervised Learning & Linear Regression, SciPy, MySQL, Codio.

## Certifications

Online Python Course. Online Deep Learning Course. Coursera- Stanford University Machine Learning Course. Primavera P6 Professional Fundamentals. Qafac TA 2019 (Plant Shutdown appreciation certificate). IOSH Managing Safely Course. HAZOP. Ta'sees (Qatar Petroleum) Introduction to oil & Gas. Supervisory Skills. Technical Report Writing

Business Communication Skills. Data Protection V2. Cyber Security Awareness Course. Malicious Links Awareness. Social Engineering. Spear Phishing. IELTS 7.5. BEng in Mechanical Eng with 3.5 GPA. Online Course in Website Development. Online Course in Application Development. Online Course in Coding and Basic Coding Languages Skills. Online Course Python Programming from scratch. CAPM Certification (Certified Associate Project Manager)