FATIMA ISMAIL

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EDUCATION

Lebanese University (LU) September 2019 - July 2024

- Masters(M1) Degree in Telecommunication and Computer Engineering
- Bachelor in Electrical and Electronics Engineering

Amjad High School September 2016 – June 2019

- Lebanese Baccalaureate – General Sciences
- Official Government Exams in 2019 – Mention Excellent

SUMMARY SKILLS

SOFTWARE SKILLS: Microsoft Office (PowerPoint, Excel, Word), C, C++, C#, Linux, SQL, Java, Python (Pytorch, NumPY, Matplotlib libraries), Computer Vision, Matlab, Autocad, OpenSSL, Packet Tracer.

LANGUAGES: Fluent in English and Arabic with average knowledge in French.

SOFT SKILLS: Information Ordering, Teamwork, Communication, Complex Problem Solving, Adaptability, Time Management.

EXPERIENCE

GeoAI-National Center For Remote Sensing July 2023-November 2023

Artificial Intelligence Engineer

- Reproduced the results of experimentations in newest papers on models like Segment Anything Model(SAM), semantic SAM and TEXT2SEG.
- Applied Parameter Efficient Fine Tuning on SAM in remote sensing domain after successfully training the model on WHU building dataset.
- Monitored training and validation process on Neptune ai and evaluated results of model through Mask Matching and Bounding Boxes Algorithms.

Middle East Airport-IT Department (MEA) July 2022 – September 2022

Network Engineer

- Created detailed documentation and reports on IT Telecom and infrastructure in MEA.
- Oversaw system engineering aspects including storage, virtualization, and backup processes for optimal performance and security.
- Configured switches, routers and cameras in the new MEA Green Building.

PROJECTS

Windows Form using C# (07/2023)

- Developed a Windows Form Application connected to a SQL Server database, enabling efficient management of library resourcesAsynchronously, through separate forms for "Users", "Posts" and"Comments", as well as implementing CRUD functionality(Create,Read,Update,Delete) within each form.

Lungs Cancer Diagnosis using Decision Tree Analysis (06/2023)

- Developed and implemented a decision tree model for analysis of aLungs cancer dataset to classify and predict cancer outcomes with high accuracy.

CCNA University and Campus Area Network(2022 - 2023)

- Designed and implemented a comprehensive Local Area Network(LAN) and Virtual Local Area Networks(VLANs) for university and campus environments, and Configured routers, switches, access points, and network services like Dynamic Host Configuration Protocol(DHCP) and Domain Name System(DNS)..

Neural Style Transfer(05/2022 - 07/2022)

- Implemented a neural style transfer algorithm using CNN architecture, leveraging TensorFlow's deep learning framework.The project methodology is documented, including data processing steps, model architecture, and fine-tuning of model’s parameters and hyperparameters.

CERTIFICATES

- CCNA3 Enterprise Networking, Security, and Automation (2022 - 2023)
- CCNA2 Routing and Switching Essentials (2021 - 2022)
- CCNA1 Introduction to Networks (2021 - 2022)