Dalia Nasr

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Education

Lebanese University - Faculty of Technology, Lebanon   Oct 2018 – Sep 2021
B.S. in Business Computer
with a GPA of 3.9/4

Professional Experience

Ensabill, Remote Lebanon   Oct 2021 – Present
Machine Learning Engineer
• Extracted merchant's names from bank transactions by building a NER model with a 0.08 validation loss.
• Classified accurately 95% of transactions into defined 16 categories by developing a text classification model.
• Predicted the credit score utilizing a prebuilt package that was updated depending on the WOE transformation and IV filtering with enhancement techniques to reach 80% accuracy.
• Scraped 3 websites legally, then used preliminary analysis, visualization, and preprocessing to prepare the data for model training.

Ensabill, Remote Lebanon   Mar 2022 – Jun 2022
Software Developer
• Developed a smart money assistant app with a startup fintech company.
• *Turn design into code by building UI* that matches the graphic designer's layout.
• Implemented a responsive mobile app using Flutter with integrated graphs for financial insights.
• Connected the app with open banking APIs securely to automate transaction tracking and management.

Arabs in Neuroscience, Remote Lebanon   Jun 2022 - Jul 2022
Python Teacher
• Delivered 5-6 hrs/day in "Introduction to Computational Neuroscience" Bootcamp for learners of age 20-35.
• Managed interactive content from beginning to advanced level that suits diversity of learners' backgrounds.
• Worked on applying math in python (calculus, algebra, statistics), analyzing, and solving case-based Neuroscience related experiments.

Zaka, Remote Lebanon   Feb 2022 - Jun 2022
Machine Learning Engineer Trainee
• Developed and deployed combined image segmentation and classification models with image processing to detect and qualify rooftops for solar panel installation.
• Built Flask web apps and Docker containers deployed using an AWS EC2 instance.
• Acquired core theory and built classic algorithms from scratch with enhancing and optimizing techniques.
• Implemented case-based models, including data science lifecycle, supervised/unsupervised, with applied evaluating, enhancing, and optimizing techniques to match model choices with required outputs.

LU Project, Remote Lebanon   Apr 2021 - Oct 2021
Full-stack Web Developer
• Built an interactive e-commerce website where users can buy, sell, and negotiate products.
• Designed user-friendly UI/UX, built and managed the database, and developed front-end and back-end.
• Provide diverse services such as wishlist, ratings, comments, and managing order's progress.
• Included advanced features such as discovering other products by location, examining the analytics visualizations for the products/users, and contacting other users via the in-built real-time chatting system.

Technical Skills

Languages: *Python, C, C#, C++, OOP, HTML, CSS, JS, jQuery, AJAX, PHP, Dart, SQL, NoSQL, GIT*
Tools & Frameworks: *Tensorflow, Keras, Docker, Flask, React JS, Node JS, Flutter, Laravel, MongoDB, Oracle, API, AWS, GCP, MS Power BI*
Machine Learning: *Data Visualization, Explanatory Analysis, Predictive Models, Linear/Logistic Regression, Classification and Clustering, Neural Network, Computer Vision, NLP, Time Series, Recommender Systems*

Additional Information

• **Languages**: *Arabic*: Native, *English*: Fluent, *French*: Intermediate.
• **Certificates:** Data Science Certification-Datacamp, ML in Production-ZakaAI, GCP Data Analyst Badge.
• **Interests:** Contribute to growing tech talent and build diverse innovative projects.