

Serine Daouk

Verdun, Beirut, Lebanon.

+961 03 829 424

Serine_MD@hotmail.com

Professional Summary

Highly motivated Computer and Communication Engineer with a track in software, machine learning, and data analysis. Experienced in algorithm and software development and implementing machine learning engines. Eager learner and always ready to take on new projects.

Education

08/17 to 09/21

American University of Beirut

Beirut, Lebanon

Bachelor's in Computer and Communication Engineering

Studied fields related to: Algorithms & Data structures, Data analysis

And Machine Learning, Neural Networks, Computer Networks, Computer

Architecture, Object Oriented programming, Design and analysis of Algorithms.

09/04 to 06/17

Lycée Salahiya Ayubiya

Beirut, Lebanon

Lebanese Baccalaureate in General Sciences: Official in 2017

Experience

05/20 to 08/20

American University of Beirut's Entrepreneurship program

Beirut, Lebanon

Worked on building and prototyping a software application entrepreneurship project and pitching it in front of a jury of successful entrepreneurs.

12/21 to 01/22

Scope IT experts

Beirut, Lebanon

Developed a software for handheld devices used by retail stores to improve their stock take and inventory check using C# and .NET framework.

Certificates

- Certificate of Completion in the Hands-On Machine Learning with scikit-learn and Python course.
- Certificate of Completion in Deep Learning: Advanced Computer Vision and Object Detection course.
- Certificate of Achievement in a Pre-Engineering Senior Robotics track.
- Certificate of Completion in the Comprehensive SQL bootcamp.
- Certificate of Completion in Investment Fundamentals & Data analytics Python course.
- Certificate of Completion in Python & Machine Learning for Financial Analysis course.

Projects Accomplished

- Working with Conda, Jupyter notebook, Pandas, NumPy, Sklearn, TensorFlow/Keras and other tools to analyze and predict data (financial data, monitor application activity, image detection and more).
- Developed a cross platform mobile application with an integrated machine learning engine using Flutter and Tflite.
- Developed and deployed a web app to classify spam comments using Python API, Flask & Heroku.
- Worked on a Neural Network model to predict stock prices trends and do stock market analysis.
- Worked on speech and text analysis using NLP techniques with libraries such as NLTK.
- Designed a Smart Virtual Desktop Assistant using Python and ML algorithms for the main engine.
- Developed an Emotion Classifier App with Streamlit.
- Worked on mobile applications using Dart on both front-end and firebase as a back-end.

Summary Skills

Programming languages: C++, C#, Python, Java, Dart, SQL, Flutter, Shell, Assembly.

Databases: MySQL (relational), Google Firebase (non-relational).

Operating systems: Apple Macintosh OSX, Microsoft Windows OS, Ubuntu Linux.

Languages: Fluent in English, French and Arabic.

Soft Skills: Energy fueled, constantly motivated, works well in group collaborations. Always ready to learn new skills, start new projects and get hands down with the codes and algorithms.

Extra Curriculars

Interests and hobbies: Tennis, Biking, Equestrianism, Reading books.