Ghassan El Bounni

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Summary

I am a skilled Machine Learning Engineer with 1+ of experience and a background in software engineering. Throughout my career, I have excelled in training and deploying machine learning algorithms, building APIs, and delivering impactful projects. With a strong academic background in computer science, top-ranking AI certifications, and a track record of success, I bring experience and excellence to my work. My diverse technical skills and passion for problem-solving make me a valuable asset to any team, and I am eager to apply my expertise to drive innovation in future projects.

Education

Brightest   **Jan 2023**
Aiu - Certified Machine Learning Engineer (CMLE)
Advanced Certification Exam

Zaka.ai Lebanon   **Aug 2022 - Nov 2022**
Artificial Intelligence Certification
Rank: #1/50

Lebanese University Faculty of Sciences 3 Tripoli, Lebanon   **2019–2022**
B.Sc in computer science.
GPA: 3.85/4.00

Professional/Project Experience

teelaunch, Jbeil District Lebanon   **Jan 2023- Sep 2023**
Print-on-Demand Fulfillment Company
Machine Learning Engineer
- Trained, evaluated, tested, and fine-tuned machine learning algorithms.
- Deployed machine learning algorithm to production using Flask and AWS.
- Built RESTful API using Flask.
- Implemented POCs using Streamlit.
- Crafted and Engineered prompts for generative models (Stable Diffusion, Midjourney)

Technology stack: Python, Flask, Webflow, Prefect, Streamlit, Docker, AWS EC2, AWS S3, Git/GitHub.

BrightChamps Academy, Remote   **Jan 2022– Apr 2022**
Online Education company teaching kids the basics of coding
Coding Tutor
- Taught many little rising champs (6-12yo) and helped them gain a firm grip on coding through easy and fun projects.

Personal projects:

RooFinder
Zaka.ai - Capstone Project:
- Automating the process of finding rooftop segments using AI for solar photovoltaic panel installations to drastically reduce costs and make this information readily available for building owners and solar energy developers.
- The Backend is a Flask app that's dockerized and deployed on an EC2 instance.
- The Frontend is built using React, dockerized, and hosted on Heroku.
- Models: MaskRCNN, VGG16
- Tools: Flask, React
- Deployment: Docker, Heroku, AWS
- GitHub repo: https://github.com/ghassan-bounni/RooFinder

En-Fr-translator
- Designed, trained, tested, and deployed a seq2seq en to fr translation model. The model is deployed using Flask, Docker, and Heroku.
- Technologies: Flask, Docker, Heroku, Git.
- GitHub repo: https://github.com/ghassan-bounni/En_Fr_Translator

TikTok Scraper
- Created a web scraper using Selenium that filters TikTok ads, collects info about each one, and downloads the videos.
- GitHub repo: https://github.com/ghassan-bounni/TikTok-Scraper.

Personal Blog-Post
- Worked on many aspects of back-end development such as routing, creating models/controllers, user authentication, and admin section. I also used Blade with Tailwind and Alpine.js for the UI.
- Tools: Laravel, MySQL, Blade, Alpine.js, Tailwind.
- GitHub repo: https://github.com/ghassan-bounni/Blog-Post

Internship Experience

XpertBot, Remote   **Apr 2022- Aug 2022**
Intern Software Engineer
- Worked on, and completed a Full-stack Blog Post project.
- skills: PHP, Laravel, Vue.js, Git/Github, MySQL.

Volunteer

Google Developer Student Club LU FS3 Tripoli, Lebanon   **Aug 2022–present**
CO-Lead and Head of AI/ML Department
- Initiated a Google community group on campus
- planned, organized, and Hosted on-site events that had more than 200 attendees.

Lebanese University Faculty of Sciences 3 Tripoli, Lebanon
2020-2022
Delegate
- Represented my class, communicated with instructors, and helped organize on-site lab sessions.

Technical Skills and Soft Skills

Technical Skills

Tools & Languages: python, Docker, Flask, Airflow, mlFlow, prefect, AWS EC2, AWS S3, SQL/MySQL/SQLite, c, c#, ASP .Net, Js, React.js, Vue.js, Php, Laravel, Inertia, Java, Linux, Android Studio, Git/Github.

Packages: NumPy, pandas, matplotlib, Seaborn, Scikit-Learn, TensorFlow, Keras, OpenCV, selenium.

Machine Learning: Statistical Analysis, Linear/Logistic Regression, Random forests, SVM, Deep Learning, Computer vision, Instance segmentation, NLP, seq2seq, CNN, MaskRCNN, RNN, LSTM, GRU, Embedding, Time Series, Clustering, Association, Graph Theory, Regularization.

Soft Skills:

Negotiator, Team Player, Critical Thinker, Great Listener, Problem Solver.

Languages

- Arabic: Native, English: Fluent.