Ghaiath Abdoush

SOFTWARE & WEB | DEVELOPER
DATA SCIENCE & AI | ENTHUSIAST

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SUMMERY

Software developer at 42 Abu Dhabi. Pursuing a BSc in Computer Science at the University of the People with a background in Agricultural Engineering. Passionate about AI and Data Science, holding certifications in Python, Linux, and Machine Learning. With hands-on experience in Python development, data analysis, and data science. Skilled in Tkinter, Keras, PyTorch, TensorFlow, and Docker, contributing to full-stack web development using HTML5, CSS, JavaScript, TypeScript, React, Next.js, and Node.js. Awarded first place twice for innovative machine learning and AI projects, showcasing a commitment to practical and impactful solutions.

SKILLS

Programming Languages: Python, C/C++, Rust, Java, HTML5, CSS, JavaScript, TypeScript
Web Frameworks: React, Next.js, Nest.js, Prisma, WordPress
Database Management: PostgreSQL, SQL, MySQL, MariaDB
Machine Learning Frameworks: TensorFlow, Keras, PyTorch, Tkinter, Scikit-learn, Open-CV
Data Analysis and Business Intelligence: Power BI, Pandas, NumPy
Others: NGINX, Networking, Unit Testing, Linux, Shell Scripting, Docker, Git, MS Office
Soft Skills: Project Management, Teamwork, Time Management, Debugging, Creativity, Rigorous, Self-Taught, Communication, problem-Solving

PROFESSIONAL EXPERIENCE

Software Development Member at 42AbuDhabi   **Abu Dhabi**
May,2021 - Now

- Collaborated on innovative coding projects, enhancing skills in Python, C/C++, Java, etc..
- Contributed to real-world applications, gaining experience in software design and implementation.
- Actively participated in peer-to-peer learning and problem-solving sessions.

Blockchain and Web Developer   **Abu Dhabi**
Feb,2022 - Jan,2023

- Developed smart contracts for Dapps on various ecosystems.
- Assisted in UI development using JavaScript, TypeScript, React, and Node.js.
- Built unit test cases for smart contracts using Mocha, Chai, and TypeScript.
- Collaborated on enhancing smart contract security and creating new website features.

Python Developer   **Dubai**
Jul,2019 - Feb,2022

- Work closely with civil engineers to design and develop a software that calculate the dimensions of building's foundations using Python, Tkinter.
- Responsible for designing, coding, debugging, and developing the script.
- Assisting in troubleshooting the software.

Front-end Developer   **Dubai**
Jun,2018 - Jul,2019

- Use Dreamweaver, HTML5, and CSS to build several websites for clients through different online platforms.

RELEVENT PROJECTS

Sawt Al Ru'ya:
(1st place wining project in Computer Vision Hackathon 2023):
- Develop computer vision AI technology to analyze live video streams, swiftly converting them into real-time textual descriptions to empower individuals with visual impairments and blindness.

Early Chronic Kidney Disease Prediction (CKD):
(1st place wining project in the Healathon Hackathon)
- Develop and train a machine learning model to help with early prediction of CKD.
- Design and create a web application using flask to use the best of that model.

42 Abu Dhabi projects:
- Project to manage access to shared resources using threads & mutexes.
- Developing a data exchange program in client server architecture using Unix signals.
- Creating 3D game with ray casting engine using minilibx graphic library.
- Developing a Unix shell inspired by Bash.
- Writing Python script to build a smart solution that assigns, in a pseudo-random way, student seating for exams using 42 Intranet API.
- Building full stack website using Next.Js Nest.Js and PostgreSQL and Prisma to manage the database, the website include a chatting service, a multiplayer ping-pong game, and friends management system.

Solana Donation Platform:
- Project completed to participate in Crypto Academy Boot-camp
- Writing and developing a smart-contract on Solana blockchain ecosystem to manage a donation platform for multiple entities using Rust.

EDUCATION

Diploma in Software Development   Abu Dhabi, UAE
42 ABU DHABI CODING SCHOOL (42 NETWORK)   **2021-2023**

Bachelor of science -Computer science   Abu Dhabi, UAE
UOP - USA (ONLINE DEGREE)   **2020-now**

Bachelor of science -Agriculture Engineering   HOMS, SYRIA
AL BAATH UNIVERSITY   **2011-2016**

CERTIFICATIONS

Data Analysis and Visualization with Microsoft Power BI | Udacity | January, 2024
Supervised Machine Learning: Regression and Classification | Stanford Online | May, 2023
Building Deep Learning Applications with Keras 2.0 | LinkedIn | April, 2023
Hands-On PyTorch Machine Learning | LinkedIn | April, 2023
Machine Learning and AI Foundations | LinkedIn | March, 2023
PCAP: Programming Essentials in Python 0820 wr | Cisco Networking Academy | August, 2021
Python Data Structures | University of Michigan, Coursera | January, 2021
Python Certificate | HackerRank | August, 2021
NDG Linux Essentials course | Cisco Networking Academy | July, 2021