Mohammed Surkhi

Contact

+971566258697

msurkhi@gmail.com

linkedin.com/in/Mosurkhi

EDUCATION

University of British Columbia

Ranking #34 worldwide

Sept 2019 – June 2023

British Columbia - Canada

Bachelor of Science in Computer Science, Minor in Data Science

Purdue university

July 2023 - Expected March 2024

Post Graduate Program in Data Engineering

Personal Info

Nationality: Canadian/Jordanian
Languages: Fluent Arabic and English
Visa Status: UAE resident
Driving License: UAE and Canada
Car: Yes

PROFILE

- Enthusiastic and driven computer science graduate with a strong inclination for problem-solving and a penchant for innovative thinking.
- Proven track record of effectively collaborating within teams and exhibiting leadership qualities, exemplified by the establishment and successful management of the Google Developer Student Club at my university.
- Exceptional communication and interpersonal aptitude showcased through the facilitation of workshops and organization of events for the developer community.

EXPERIENCE

Squareone Technologies | Data analyst intern   June 2023- present
Dubai – UAE

- Acquiring expertise in developing and implementing data pipelines using Dataiku.
- Utilizing Dataiku's AutoML capabilities to work on machine learning models.
- Successfully implementing and customizing dashboard

Glohaven Emergency Service | Developer   Sep 22 – Apr 23
Kelowna –Canada

- Implemented customized Laravel dashboard for emergency services website.
- Managed backend development with SQLite database for data storage.
- Designed and integrated email forum for user communication and notifications.

Certification & Training

AWS Certified Cloud Practitioner

AWS Certified Solutions Architect – Associate

Azure Data Engineer Associate

Azure AI Fundamentals

Dataiku Core designer

Dataiku ML practitioner

SKILLS

Languages: Java, Python, C/C++, SQL, XML, JavaScript, HTML/CSS, R, SQL, PHP, Ruby, Swift, TypeScript.

Developer Tools: Git, Docker, Azure, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Dataiku

Tools: MATLAB, Linux distros (Ubuntu, Fedora, Arch Linux)

Data Science:/ML/AI: R, Python, Databricks and Azure ML Studio.

Libraries: pandas, NumPy, Matplotlib, TensorFlow, NLTK.

Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI,.NET,Angular, Vue.js, Django, Laravel

Operating Systems: Windows, macOS, Linux (Ubuntu, Fedora, Arch Linux)

Databases: MySQL, SQLite, PostgreSQL, MongoDB

Google Developer Student club | Co-lead   Sep 21 – Apr 22
Kelowna –Canada

- Collaborated with colleagues to initiate a Google Developer Student Club (DSC) at our university, establishing an internal team.
- Organized workshops aimed at providing hands-on coding experience to Computer Science majors in various.
- Joined forces with other developer clubs to coordinate an internship preparation workshop .

Squareone Technologies | Data Analyst   June 2020 - Aug 2020
Dubai – UAE

- Contributed to the integration of data sources from Enterprise Resource Planning (ERP) systems and various other data sources.
- Designed and implemented algorithms, data points, and analysis requirements to enhance data processing and analysis capabilities.
- Created a visually appealing and informative financial reporting dashboard using Tableau, enabling effective data visualization and analysis.

Projects

Grocery price tracker | PHP, CSS, HTML5, SQL DB Mar 22-Apr 23

- Developed a dynamic web-based grocery price tracker using PHP, HTML, CSS, and MySQL database, enabling users to compare prices of essential items across various UK grocery stores in real-time.
- Designed and implemented a user-friendly interface for the price tracker, allowing users to search for specific products, view price trends, and receive personalized alerts for price drops.
- Leveraged SQL database to efficiently store and retrieve product and pricing data, ensuring seamless data management and retrieval for a comprehensive shopping experience..

Other Skills: Git, Agile Development, Test-Driven Development, Object-Oriented Programming, Data Structures and
Algorithms

Data Science Skills: Regression, Classification, Predictive Modelling, Anomaly Detection.

Chat-bot | Python, Vue, Javascript, Git, API   **Mar 22-Apr 23**

- Collaborated with a team to create a doctor chatbot utilizing Natural Language Processing (NLP) techniques for diagnosis based on user input.
- Enhanced the accuracy of the chatbot by 20% by incorporating a long short-term memory (LSTM) model into its architecture.
- Conducted comprehensive testing, both manual and automated, across multiple platforms using pytest to ensure the chatbot's functionality and performance.

Web Programming | Java, Json, SQL, XML   **Oct 21-Dec21**

- Used high level Database programming to build an e-commerce website in order to successfully program an e-commerce website
- Used SQL server security to develop a secure administrator portal, which prompted users to sign in using a unique id and password.
- Converted data from a database into JSON or XML format files by the PHP file and retrieve useful information using AJAX.

Analysis of Netflix users | Python, Tableau, Git   Jan 21 – March 21

- Worked in a team to use Python commands in order to extract and clean up data
- Used said data to analyze patterns in Netflix's consumers
- Designed and deployed visual graphics of data using Tableau
- Wrote up a report showing the results of our analysis, and made a video to visually present the project