**Mohammed** Derouiche

Contact

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### <https://my-portfolio-u6jd.onrender.com/>

Tecksept, El-Oued, Algeria, 36009

Key Skills

* Python (Data Analysis, Data Cleaning, Data Viz, Web Scraping, Flask web dev)
* Relational Databases (MySql, SQLite)
* Advanced SQL (DRQ, DMQ, DDQ)
* Microsoft Excel and Google Spreadsheet
* Microsoft Word and Power Point
* Power BI
* Tableou
* R (Programming Language)

**Languages**

Arabic (native)

English (Fluent)

Junior Data Analyst

**PROFESSIONAL SUMMARY**

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* Enthusiast, Highly Competitive, and self-taught Data Analyst
* Proficient in Microsoft Excel, SQL, Python, R, Power BI, and Tableau
* Proven ability to collect, clean, transform, explore, and analyze complex datasets and interpret results
* Experienced in data visualization, data storytelling, and reporting
* Familiarity with data mining, data cleansing, and data wrangling
* Solid mathematics and statistics background
* Developed custom web scraping scripts to extract structured data from websites
* Developed web applications using Flask, HTML, CSS, Bootstrap, SQLite and JavaScript libraries
* Strong curiosity, adaptability, organizational abilities, and attention to detail
* Excellent Communicator, Researcher, and Problem solver

**CERTIFICATION**

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**Data Analytics Professional Certificate – Google** April 2024

<https://www.coursera.org/account/accomplishments/specialization/VJYARPQK9JGQ>

**CS50x: Introduction to Computer Science –** **Harvard** December 2023

[certificates.cs50.io/e0df1309-0392-4268-...](https://certificates.cs50.io/e0df1309-0392-4268-be87-4a83d00966ef.pdf?size=letter" \t "_blank)

**Data Analysis with Python -** **freeCodeCamp** August 2023

[www.freecodecamp.org/certification/moham...](https://www.freecodecamp.org/certification/mohammed_der/data-analysis-with-python-v7)

**EDUCATION**

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**Master’s degree in Control System Engineering** Sep 2020 - Jun 2022

Eshahid Hamma Lakhdar University • El-Oued, Algeria

* Earned the top thesis grade in the Science and Technology faculty for 2022, scoring an exceptional 19.5/20 (French Grading System).
* Developed and created a 3D Printer as a part of the Master's degree project.
* Conducted simulations of control systems using MATLAB to analyze and optimize performance.

**Bachelors’ degree in Electrical Engineering** Sep 2017 - Jul 2020

Eshahid Hamma Lakhdar University • El-Oued, Algeria

* Troubleshooting, diagnosing, and repairing electrical equipment, as well as developing and implementing preventive maintenance programs.
* Creating electrical system design, reading electrical schematics, interpreting blueprints, and creating wiring diagrams.

**WORK EXPERIENCE**

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**SUPERVISOR AND SALESMAN** Feb 2024 - Present

Golden Thobe • El-Oued, Algeria

* Oversee daily operations and ensure smooth transactions.
* Manage the shop's stock system, ensuring accurate inventory levels and timely restocking.
* Train and supervise new employees, ensuring adherence to store policies and procedures.
* Facilitate communication between workers and the business owner, ensuring smooth workflow and addressing any concerns.

**Cashier** Dec 2021 - Oct 2023

Queen Shopping • El-Oued, Algeria

* Enhanced customer satisfaction by providing efficient and accurate cash transactions.
* Provided excellent customer service, answered customer inquiries and resolved any issues.
* Resolved customer complaints professionally, leading to improved customer relations and loyalty.

**Shelf Stocker** Jun 2017 - Oct 2017

Queen Shopping • El-Oued, Algeria

* Improved product availability by efficiently stocking shelves and maintaining proper inventory levels.
* Collaborated with team members to complete daily tasks and achieve store goals.
* Enhanced customer satisfaction by promptly assisting with inquiries and locating products.

**Volunteer Work**

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**ADMINISTRATION OFFICER** Sep 2020 - Jun 2021

Association of Algerian Muslim Scholars • El-Oued, Algeria

* Created and managed 100% of the administrative documents to ensure smooth organizational operations.
* Maintained effective communication with parents regarding student progress and organizational updates.
* Prepared detailed financial reports, supporting the organization's budgeting and financial planning efforts.
* Successfully supervised a trip and coordinated 2 seasonal events with over 50 children.

**TEACHER** Sep 2017 - Jun 2023

Association of Algerian Muslim Scholars • El-Oued, Algeria

* Taught Quran and Islamic Ethics to students, fostering a deeper understanding of religious principles.
* Developed lesson plans and educational materials to support student learning.
* Managed classroom dynamics effectively, maintaining a conducive learning environment that led to a 70% improvement in student behavior and participation compared to previous teachers.