

RAYAN AL ABDALLAH

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A Computer Science graduate with a solid background in data analysis, reporting, and web development. I've worked on projects that involved building user-friendly digital tools and using data to support better decision-making. I'm eager to contribute to teams that value learning, accountability, and meaningful change.

EDUCATION

Lebanese International University (LIU– Beirut, Lebanon)

- Bachelor in Computer Science 2021-2025

Amir Shakib Arsalan High School

- Lebanese Baccalaureate in Life Science 2020 (Interrupted)
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CERTIFICATES

AI & Digital Marketing Scholarship Program 4/2025 - 13/2025

Data Analysis course by Simplilearn 6/2024 - 10/2024

PROJECTS

AI & ML in Cancer Imaging, University Project (November 2024-February 2025)

- Collaborated on a research project focused on using AI and ML models to improve early breast cancer detection.
- Used the Breast Cancer Wisconsin dataset to train and test Logistic Regression, Random Forest, and Neural Network models.
- Evaluated models based on accuracy, precision, recall, and training time to determine the best-performing algorithm.
- Presented findings in a research presentation supported by real-world studies, including results from *Nature Medicine*.

Medical Insurance Costs Dataset Analysis Using Linear RegressionUniversity Project (November 2024-February 2025)

- Performed a regression analysis using Simple and Multiple Linear Regression to predict insurance charges based on demographic and health-related factors.
- Preprocessed data (one-hot encoding, feature selection, and train-test split) and applied models using Python, pandas, scikit-learn, and Matplotlib.
- Evaluated models using R-squared and Mean Squared Error, with Multiple Linear Regression
- Visualized model performance and built insights to guide insurance premium strategies and public health interventions.

Designed a website restaurant menu for (Tartinolb), Freelance (Early September 2023-Late September 2023)

- Gathered requirements, understood the client's vision, and defined the project's scope.
- Coded the website using HTML, CSS, and JavaScript.
- Conducted thorough testing to ensure functionality, usability, and responsiveness across different devices and browsers.
- Launched the website on a live server and ensured it was fully functional for end-users.

Designed a professional Portfolio (March 2023-April2023)

- Created a visually appealing and user-friendly design that reflects my brand
- Built the portfolio using web technologies, ensuring it is responsive and functional.
- Included detailed descriptions, images, and links to live projects or code repositories.

SKILLS

Programming Languages:

JAVA CSS HTML SQL JS Python Dart

Computer Skills:

- Microsoft Office (Word- PowerPoint- Excel)
- Adobe Creative Suite

Soft Skills:

Effective Communication | Problem-Solving | Teamwork & Collaboration | Adaptability | Critical Thinking

LANGUAGES

- **Arabic:** Native Language
- **English:** Advanced (writing, reading, speaking)