Rita Doumet

Computer Scientist

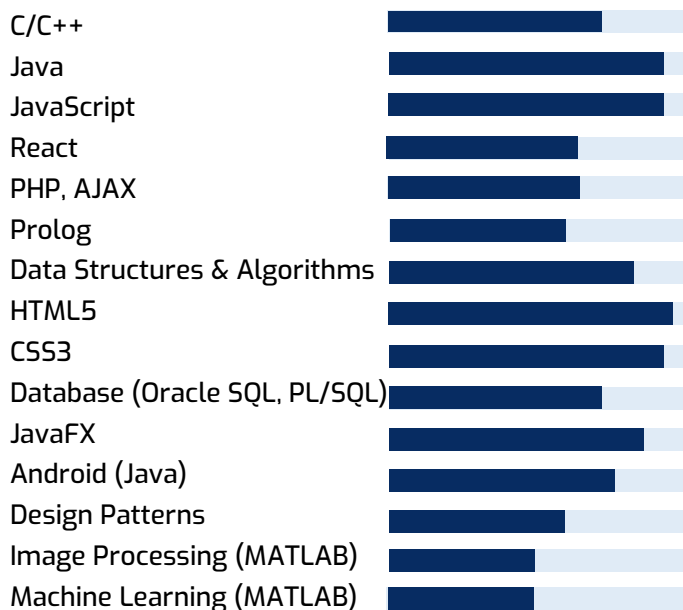|	
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Enthusiastic programmer eager to contribute to team success through hard work, attention to detail and great organizational skills.

Clear understanding of imperative and object-oriented programming languages, notably C, C++, Java, vanilla JavaScript, MATLAB, PHP, MySQL, JavaFX etc. Also knowledgeable in Android development (Java), front-end web development, image processing, and machine learning.

Open to learning new languages and frameworks needed in the work field and/or in research. Motivated to learn, grow and excel.

Skills

Programming Skills

- C/C++
- Java
- JavaScript
- React
- PHP, AJAX
- Prolog
- Data Structures & Algorithms
- HTML5
- CSS3
- Database (Oracle SQL, PL/SQL)
- JavaFX
- Android (Java)
- Design Patterns
- Image Processing (MATLAB)
- Machine Learning (MATLAB)

Other Skills

- Problem Solving
- Proofreading
- Cash Register Operations
- Customer Assistance

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Work History

2021-07 – present   **Database Development for EJL Elevators**

- Designed, created, and maintained an Oracle database for EJL Elevators company using PL/SQL on Oracle SQL Developer.

2021-02 - present   **Freelance Online Tutor** *(studypool.com)*

- Assisted and helped more than 150 students (up to date) with Computer Science, Programming, Physics, Chemistry, Humanities, and Linguistics problems and exam preparation.

2021-01 - present   **Freelance Online Designer** *(redbubble.com)*

- Designed and sold artworks to be printed on several goods and merchandise.

2019-05 2019-10   **Cashier**
Daily Press Library, Zouk Mosbeh

- Processed POS transactions, including checks, cash and credit purchases or refunds.
- Restocked, arranged and organized books and merchandise to drive sales.

Personal Projects

2022-03   **Pet Shop Android Application (Java)**

- An android application for the management of a pet store, including interfaces for clients, employees and admin. Facilitates booking appointments, viewing old and new bookings, viewing & ordering products, viewing and managing schedule (employees), etc. Built using FireBase Realtime Database.

2022-02   **HotN'Cold (JavaFX Game)**

- A desktop game having light and mode themes, as well as several gameplay modes. Coded using JavaFX, FXML and JavaFX CSS. The entire project was built on Eclipse and SceneBuilder.

2021-07   **Frontend Mentor Projects**

- Solved several Frontend Mentor challenges which simulate real-life problems and business models. Code was written using HTML5, CSS3, and JavaScript.
- Projects include: an IP address tracker using Geolocation API and Leaflet API, calculator with different themes, random advice generator using Advice API, countdown timer, tip calculator, and much more.

2021-06   **Algorithms & Data Structures**

- Developed optimized C++ code to solve famous problems using data structures.

2021-01   **Project Euler Problems 1 through 20**

- Solved programming challenges using optimized C++ code

2021-01 2021-02   **K&T Travel, K&T Resto**

- Responsive front-end project of a Travel agency having several connected pages with sleek, modern design. Coded using HTML5, CSS3, and Vanilla JavScript.

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Education

2019-09 – Present	**Bachelor in Computer Sciences** *Université Libanaise Faculté des Sciences II – Fanar* • Top of my class.
2012-09 2019 -06	**Ecole des Filles de la Charité – Zouk Mikael** *(till highschool)* • Graduated in Top 5% of the class. • Top 30 in Lebanon, General Sciences section.

Languages

English

French

Arabic

Spanish

Certifications

Stanford Online Machine Learning	95 / 100
DELF B2	85.5 / 100
SAT	1390 / 1600

Microsoft Certified Educator (MCE)

Interests

Coding   Drawing & Design   Reading   Watching documentaries   Fitness & Hiking