MALEK JERBI

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PROFILE

- More than 4 years of academic experience in computer science / programming
- Solid knowledge of Computer Science fundamentals: Object-Oriented Programming, Data Structures and Algorithms, Operating Systems, Web Programming.
- Huge drive and curiosity to learn
- Resourceful and fast-learner.
- Easy to adapt and collaborate in a team or work environment
- Trilingual (French, English, Arabic) written and spoken

Experience

Software Developer at Skytech Communications   **2022**
Montreal, QC

- Part of the Omnivox squad (2 projects):
    - Developed and shipped new products to the Omnivox Web App using **C#, React, SQL, and Agile methodology**.
    - Participated in the technical analysis and planification process of new products
    - Actively participated in scrum meetings, stand-ups, and sprint planning: Actively communicated with the team to ensure the timely delivery of features. Provided regular updates on the status of development tasks and identified any potential risks or blockers.
    - Actively participated in the software development cycle: Wrote code, Performed testing, and created technical documentation.
    - Worked closely with a team of 5 other developers in order to ship the new product pages in a timely manner
    - Ensured that products were developed according to specifications and met quality standards
    - Developed an end-to-end testing solution to automate daily testing of a website
        - Utilized Ranorex and c# to develop the solution
        - Worked with one developer to accomplish the automation
        - Achieved successful automation of the testing 10 web pages

EDUCATION

Bachelor of Engineering – Software Engineering   2019-2023 (Expected)
Concordia University, Montreal, QC
- GPA: 3.24
- Relevant Courses:
    - Data structures and Algorithms (Java)
    - Operating Systems (Java)
    - SQL Databases
    - Web Programming
    - Discrete Mathematics
    - Theoretical Computer Science

Full Stack Open 2021 – Modern Web Development   2021
University of Helsinky, Finland (online)
- Fundamentals of Web Apps
- ReactJS (Components, event handlers, hooks, react-router...)
- Programming a server with NodeJS and Express
- Testing Express servers
- Testing React apps
- State management with Redux

DEC in Computer science and mathematics   2017-2019
Collège Bois-de-Boulogne, Montréal, QC
- Object-Oriented Programming and CS concepts
- Part of the soccer club *Les Cavaliers*

SIDE PROJECTS / INTERESTS

MyShop (still in progress...)
https://myshopapp5.herokuapp.com/
- Project goals: Building a fully functional ecommerce website using MERN Stack
- React.js: components, hooks, react-router, react-bootstrap, redux...
- Used Node and Express for the backend, and Mongoose to interact with the Mongo Databases
- Rest API

MyBlogList
https://mybloglistapp.herokuapp.com/
- Project goals: Building basic complete CRUD app using MERN Stack
- Practiced the react concept learned: components, reducers, hooks, etc...
- Used Node and Express for the backend, and Mongoose to interact with the Mongo Databases
- Rest API

Reading and Learning
- I read books and articles on my own time to keep up with new technology and satisfy my curiosity in interesting topics such as **new libraries, cultural shifts in the Tech Industry, Bitcoin, Smart contracts, and the fundamental blockchain technology**. By doing this, I was able to learn many things and gain a better understanding of these topics.