

# MALEK JERBI

Portfolio: [www.malekjerbi.com](http://www.malekjerbi.com)

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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
- Bilingual (french, english) written and spoken

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## 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 Helsinki, 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*

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## PROJECTS

### MyShop (still in progress...)

2021

<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

2021

<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

### SOEN 341 project

2021

Concordia University, Montreal, QC

- Project goals: Building a cross-assembler that can process Cm assembly language using Java
- Was part of the testing team
- Showed consistency by always delivering unit tests before the deadlines
- Lessons learned: Agile and Scrum methodology, Teamwork.

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## PART-TIME EXPERIENCE

For the past two years, I've worked in retail customer service as a Sales Advisor at COS and as a Security Guard with Garda World. These fulfilling experiences have helped me develop my professionalism, teamwork and leadership, as I am still a full-time student at Concordia University. I am now ready to take a step into my field of interest and take on new challenges, as I acquired enough experience through my Computer Science classes, certifications and projects.