

# Abderrahim Mayaba

Software Engineer / Full-stack Software Developer

Professional **Software Engineer and Full-stack Software Developer**, holding a **master's degree in Software Engineering** with rich experience and knowledge in Software Engineering, Information Security and IT Solutions. My ultimate skill is **constant self-improvement**. Eager to transfer ideas and knowledge into great tangible results. For more about me, please visit my [Portfolio](#).

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📄 [mayaba.github.io](https://github.com/mayaba)

🐙 [github.com/mayaba](https://github.com/mayaba)

## EDUCATION

### Master of Engineering in Software Engineering

Concordia University [🔗](#)

09/2019 - 09/2021

Montreal, Canada

### Bachelor of Science in Computer Engineering

Yanbu University College [🔗](#)

09/2010 - 05/2015

Yanbu, Saudi Arabia

### Speak\_ Program Participant, March 2022

[Speak\\_ 🔗](#)

## WORK EXPERIENCE

### SOC Analyst / Process Automator

Ebtikar Technology

10/2020 - 03/2022

*Achievements/Tasks*

- Monitoring and investigating All Suspicious Activities and alerts.
- Analyzing all the logs in the SIEM solution.
- Writing scripts to automate repeated lookup tasks (e.g. [IP reputation, and hash lookup using Python](#)).

### IT Team Leader / Aviation Systems Administrator

TAV Technologies

09/2016 - 08/2019

*Achievements/Tasks*

- Administration of Aviation Systems.
- Ensuring availability, security and efficiency of Aviation Systems and related infrastructure.

### Information Technologies Specialist

ATU Duty Free

10/2015 - 02/2016

*Achievements/Tasks*

- Resolving technical issues and handling user requests.
- Installing, modifying and repairing hardware and software.

### Cooperative Education Student

YASREF

02/2015 - 08/2015

## SKILLS

Problem Solving

Critical Thinking

Creativity

Leadership

Willingness to learn

Team Work

Communication

Project Management

Agile

Software development

Cyber Security

Java

JavaScript

TypeScript

Python

OOP

Version Control (Git, Github)

Linux

DevOps

APIs (Rest API, GraphQL)

Databases (SQL, NOSQL)

Back-end development (Spring Boot, nodeJs, NestJs)

PostgreSQL

Automation (Selenium)

MongoDB

Data structures & algorithms

Web Applications

Front-end development (HTML/CSS, Bootstrap, Angular)

Data mining and analyzing (Scrapy, Pandas, Numpy)

Redis

Testing (JUnit, Mockito, Mocha, Chai, Jest)

## PERSONAL PROJECTS (SAMPLE)

### Java Static Code Analyzer [🔗](#)

- Developed a Java static code analyzer that uses [AST](#) to detect the presence of the Destructive Wrapping anti-pattern.
- URLs: [GitHub repo](#)
- Tools: Eclipse JDT, Log4j, and Maven.

### Steam Web Crawler [🔗](#)

- Developed a web crawler written in Python for the purpose of crawling Steam platform to get useful data for analyzing. I, also, used Pandas, numpy and Selenium libraries.
- URLs: [GitHub repo](#), [Analysis report](#)
- Tools: Scrapy, Pandas, Numpy, and Selenium.

## CERTIFICATIONS

(1) ECSA, (2) CEH V10, (3) CHFI, (4) Linux+, (5) Security+, (6) eJPT, (7) CCNA R&S, (8) eCPPT (In progress) [🔗](#)

## LANGUAGES

English

Full Professional Proficiency

Arabic

Native or Bilingual Proficiency

French (Active Learner)

Elementary Proficiency