

# MOHAMED ELTAHIR

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## Education

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**Debrecen University**  
“Bachelor of Science”  
Computer Science

Sep 2020 - Present

## Relevant Projects

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### RF-LAB

<https://rf-lab.herokuapp.com/>

Debrecen, Hungary

Dec 2020 - May 2021

A Research paper + full-stack app using **TailwindCSS**, **Flask** & **SQLite/PostgreSQL** as a backend for collaborative physical penetration testing. The web application applies algorithms and data structures best practices.

### PyBDD

[https://github.com/MoElaSec/Python\\_Behave\\_Selenium\\_WebApp\\_Auto\\_testing](https://github.com/MoElaSec/Python_Behave_Selenium_WebApp_Auto_testing)

Debrecen, Hungary

June 2021

A CLI tool used to conduct a fully automated test for Web Applications using **Python Behave** (**Cucumber**) + **Selenium** + **Click**. Enabling Behavioral Driven Development (**BDD**).

### Flask Blog

[https://github.com/MoElaSec/Flask\\_Blog\\_Jira](https://github.com/MoElaSec/Flask_Blog_Jira)

Debrecen, Hungary

Oct 2020 - Dec 2020

I lead a team of two documenters and one developer to create a fast and robust public **Flask** blog that connects with **Jira** (issues, comments & stories etc.) using **JiraAPI** and documented with **Confluence**.

### PyBots

<https://github.com/MoElaSec/Discord-Bots-List>

[https://github.com/MoElaSec/Twitter\\_Bots\\_List](https://github.com/MoElaSec/Twitter_Bots_List)

UAE & Hungary

Oct 2020 - Dec 2020

March 2021

Goal: To solve problems related to managing Twitter accounts and Discord channels.

Connecting to various games, weather, geolocation API & services to automate information gathering.

### LOL Player Info Grabber

<https://github.com/MoElaSec/andriod-app-LOL-RiotAPI>

Dubai, UAE

summer 2017

An **Android** mobile application to pull League of Legend (LOL) player information (summoner, stats etc.) using **RIOT-API**.

## Skills

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Languages	Java, Python, C, C++, C#, HTML, CSS, JavaScript.
Technologies	TailwindCSS, Bootsrtap, React, JavaFX/SceneBuilder, Flask/FastAPI/Django, Hibernate, SpringData, SQLite, PostgreSQL, PL/SQL, Jekyll, Unity, Unreal Engine, OpenCV.
DevOps	Docker, Jira, Confluence, Cucumber, Behave, Selenium, Git/GitHub, GitLab, AWS, Heroku, Linux/Unix, Windows, Agile/Scrum/Kanban, BDD/TDD.

## Professional Experience

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### Private Contract

Web Developer

Abu Dhabi, UAE

July 2021

<https://emsat4u.github.io/>

- Created an e-learning Website to prepare High School students for The Emirates Standardized Test (EmSAT) using **Jekyll Ruby**, **TailwindCSS**, **HTML5**, **Sass** & **JavaScript**.

### Rouckanbill Inc.

Web Developer

Dubai, UAE

Dec 2017 - Feb 2018

- Provided critical feedback for increased market reach.
- Managed up to three projects at a time.
- To build the primary website UI, prominent technologies such as **HTML5**, **CSS3** with **Bootstrap**, and **jQuery** were used.
- Enhancing **SEO** by providing critics to enhance Social Media interactions & exposure.

## Certificates & Achievements

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### Fortinet

Fortinet Network Security Expert

Abu Dhabi, UAE

Jun 2021

[https://github.com/MoElaSec/My\\_Cert/tree/main/Networking](https://github.com/MoElaSec/My_Cert/tree/main/Networking)

- Fortinet Network Security Expert Level 2: Certified Associate (NSE 2).
- Fortinet Network Security Expert Level 1: Certified Associate (NSE 1).

### HackerRank

HackerRank Certified Programming

Debrecen, Hungary

Jun 2021

<https://www.hackerrank.com/certificates/37ffb145271d>

- Java, Python, JavaScript.

### Debrecen University

Participation in Google DSC in:

Debrecen, Hungary

- Hello Kotlin Event. [Feb/2021]
- Flutter Workshop. [Nov/2020]
- Google Cloud Workshop. [Feb/2021]

### OpenEDG Python Institute: [PCAP-31-02] PCAP

Certified Associate in Python Programming

Dubai, UAE

Aug 2020

<yourclaim/PCAP-31-02>

### TRA UAE

Courses, Exam & certificates provided by the TRA

Abu Dhabi, UAE

Mar 2021

[https://github.com/MoElaSec/My\\_Cert/tree/main/TRA](https://github.com/MoElaSec/My_Cert/tree/main/TRA)

- 5G Applications in the unmanned aerial vehicle (UAV) Industry.
- Exploring Artificial Intelligence (AI).
- Software Engineering and AI.