MOHAMMED EL TAHIR
Computer Science Student

WORK EXPERIENCE

Freelancer
SELF CONTRACT BASED
SEP 2019 - PRESENT

- Full-Stack Web Developer (I build with TailwindCSS + Python/Java for the back-end).
- Building Java Desktop apps with JavaFX, JPA & Hibernate/JDBC.
- Building Social media/marketing Bots to automate tasks, enhance exposure, and better brand interaction.
- Building RESTFul-API & Utilizing 3'rd party API (Games, Weather, and geo-loc services..etc).
- Performe Test Automation (Junit, Mockito& Cucumber).

Front-end Web Developer
"ROUKANBILL INC.
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.

CONTACT

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https://github.com/MoElaSec

stackoverflow/users/shifrasec

codewars/users/MoElaSec

hackerrank.com/mohd_debrecen

EDUCATION BACKGROUND

University of Debrecen
Bachelor of Science, Computer Science,

- Wrote dissertation/Thesis on RF-Lab: Web Application for Collaborative Physical Penetration Testing.

- Finished obligatory and most optional/elective courses with a 4.7/5.0 GPA.

- Participated in Google Developer Student Club (and applying for lead position for 2021/22).

- Expected to graduate in 2022.

Side Certificates & Ahcivments
2020 - 2021 documented certificates

- Participation in Google DSC in:
  - Hello Kotlin Event. [Feb/2021]
  - FLutter Work-shop. [Nov/2020]
  - Google Cloud Workshop. [Feb/2021]

- OpenEDG Python Institute: [PCAP-31-02] PCAP – Certified Associate in Python Programming. [Aug/2020] yourclaim/PCAP

- TRA UAE Certificates : [March/2021]
  - 5G Applications in the unmanned aerial vehicle (UAV) Industry.
  - Exploring Artificial Intelligence (AI).
  - Software Engineering and AI.

P R O J E C T S

University related projects

- RF-Lab: a WebApp for collaborative physical pen-testing.

  DEC/2020 - MAY/2021
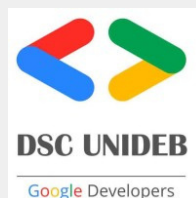 **https://rf-lab.herokuapp.com**

  - Wrote a Scientific research paper to understand Access control systems and pinpoint problems with the lack of communication between physical penetration testers while analyzing them.

  - RF-Lab is a full-stack web application deployed/hosted in Heroku. designed with Front-End utilizing TailwindCSS and JQuery, and Back-end with Flask and SQLite DB, plus PostgreSQL migration capabilities.

- Flask Blog SDM: A team-based WebApp following Agile methodologies.

  OCT/2020 - DEC/2020
  https://github.com/MoElaSec/Flask_Blog_Jira

  - Goal: To learn how to manage mid-size software projects using various Agile approaches (Scrum, Kanban, etc.).

  - As the team leader, I was in charge of managing the time and workload, as well as explaining the several technologies that were required.

  - Jira is used to track issues, Confluence for documentation, and GitHub for code sharing. JiraAPI for Python is used to connect the blog to Jira Website.

Personal + Work projects

- PyBDD: Automate testing for WebApps with selenium & behave.

  APRIL - MAY/2021
  github/PyBDD

  - An app that tries to bridge the gap between business and technology people within the company.

  - Cucumber/Behave is used as the BDD framework, and the Click module offers a CLI (Command Line Interface) to easily run the desired test case.

- PyBots: Twitter & Discord bots to solve various freelancing problems.

  OCT/2020 - DEC/2020
  https://github.com/MoElaSec/Discord-Bots-List

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

  - Connecting to various games, weather & geo-location API & services to automate information gathering.

S K I L L S

- Soft-Skills:

  - Adaptable & Attentive listener.
  - Problem Solver & Decision maker.
  - Dedicated, passionate, & considerate team player.

- Hard-Skills:

  - Data Structure & Algorithm.
  - Networking & Soft. Eng.
  - Familiarity with Basic Image processing & 3D Game Development.
  - Web Testing, Automation, & Scraping.