Hadi Khairallah

http://hadikhai.engineer

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(+961) 71-790 055

Address
Sessine Achrafieh
Beirut, Lebanon

Hadi Khairallah
Computer Engineering Student

Education

BE in Computer Engineering	**Jbeil, Lebanon**
Lebanese American University	2017 - Expected Graduation: 2022

Lebanese baccalaureate with Distinction	**Beirut, Lebanon**
General Science branch	2016 - 2017

Further Education

Coursera Specialization

- DeepLearning.AI Tensorflow Developer

Coursera Courses

- Introduction to Applied Machine Learning
- Machine Learning Algorithms: Supervised Learning Tip to Tail
- Data for Machine Learning

Experience

HEIA-FR and EPFL	**Fribourg, Switzerland**
Full stack Developer	August 2020 - July 2020

- Worked on a joint project with EPFL team in the domain of open e-Learning Data.
- Implemented a front-end for data visualization in a Graasp environment using React
- Worked on a Monitoring system project using Vue.js and Express.

HEIA-FR	**Fribourg, Switzerland**
Junior Java Developer	May 2019 - Juin 2019

- Developed a game for a course to be used as a project in the university
- Used JavaFx as the GUI library

Mathematics and Physics Tutor	**Achrafieh, Lebanon**
Private tutor	May 2017 - present

- Tutoring students from grade 7 to 12 in scientific courses
- Developing students' scientific skills

Zero 3	**Achrafieh, Lebanon**
Phone repairer	July 2014- September 2014

- Fixed problems related to both hardware and software malfunctioning

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Graasp Analytics
Added an analytics section on https://graasp.eu for teachers to keep track of students progress on e-learning websites like Moodle using React.

Sooze
Added features to a Monitoring system app written in Vuejs.

Personal Portfolio
Created a "Unix like" terminal portfolio using React, Redux, Axios and Express.
https://github.com/HadiKhai/portfolio

Intelligent Age Detection Website
Developed an age predictor model using KNN, SVM and ANN, along feature selection and dimensionality reduction. The model was presented on a React based website with microservices architecture.

Cinema Booking
Developed a website for an online movie ticket booking application using Angular, Bootstrap and SpringBoot.
https://github.com/HadiKhai/MovieBooking

Polylines
Uploaded a game to Appstore and Playstore created using C# and Unity.

Skills & languages

Programming Languages:

Java, C++, C#, Javascript, HTML, CSS, Typescript, Dart, Python, SQL, Latex, Verilog, VHDL, Assembly, MATLAB,PSPICE.

Technologies:

1. Machine learning:
   - Scikit learn
   - Keras
   - Tensorflow
2. Web and software development:
   a) Frontend Frameworks and Libraries:
      - Angular
      - React
      - VueJs
      - Dash
   b) UI Frameworks:
      - Bootstrap
      - Material Design
      - Sematic UI
   c) Cross platform Frameworks:
      - Ionic
      - Flutter
      - React Native
   d) Backend Framework:
      - Express   Express
3. Package managers:
   - Npm
   - yarn
   - anaconda
4. Version control and source code management:
   - Git
   - Github
   - Gitlab
5. Other Skills:
   - Unity
   - Photoshop
   - Illustrator
   - After Effects
   - Premiere Pro
   - Latex

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Soft Skills:

Management, Communication, Teamwork, Fast Learner

Languages:

Arabic (Native), English (Fluent, SAT 1210), French (Fluent, DELF B2), Spanish (Beginner), Italian (Beginner)

Activities

Martial Arts:

MMA Fighter for 4 years and Brazilian jiu-jitsu Lebanese Champion for 3 consecutive years.

Scout:

Attended a scouting organization for 3 years.

Cultural Exchange:

Participated in an exchange program held in France.

AI Club:

Vice president of the AI Club at LAU.