

# Abdelfattah Mohamed

<https://abdelfattah-mohamed.github.io>

<https://github.com/Abdelfattah-Mohamed>

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## SKILLS

### PROGRAMMING LANGUAGE

Over 6000 lines:

Java • C/C++ • Ruby

Over 2000 lines:

JavaScript • HTML • CSS

Arduino

Familiar:

Python • Matlab

SQL

### FRAMEWORKS

front-end:

Bootstrap • Vue.js • React

back-end:

Ruby on Rails

### SOFTWARE TOOLS

Git/Github • MySQL • AWS • Heroku

Linux-UNIX • Firebase • Google Analytics

MS Office

## EDUCATION

### B.SC. COMPUTER AND SYSTEM ENGINEERING

ALEXANDRIA UNIVERSITY

PERCENTAGE 80.1% - CGPA 3.36

Sep 2016 - Current | Alexandria, EG

Expected graduation: 2021

## COURSEWORK

### WEB DEVELOPMENT

UDEMY

- The Complete Ruby on Rails Developer Course  
Jan 2019 - April 2019
- Dissecting Ruby on Rails 5 - Become a Professional Developer  
July 2019 - Sep 2019

## VOLUNTEER

- Head of Public Relation  
ACM Student chapter  
(Oct 2018 - Current).
- Vice representative  
Class of 2018 - 2019

## EXPERIENCE

### BACK-END DEVELOPER AT UP-WORK (FREELANCER)

May 2020 – Present | Remotely

- Build and development more than two projects as Back-end developer.

### INSTRUCTOR AT IJUNIORS PROJECT

(COMPUTATIONAL THINKING, PROGRAMMING AND ML FOR KIDS)

July 2019 – Sep 2019 | Innovation Hub In Alexandria, EG

- Explain to kids some of basics of Computer programming and helping to create the content.

## PROJECTS

### PERSONAL WEBSITE | JULY 2020

(Html, CSS, Bootstrap and jQuery) | Link • Github

- Built My personal Website with responsive design.

### RESTAURANTS | JUN 2020

(Ruby on Rails, Html, CSS, MySQL and AWS) | Link

- Web based application which User can:
  - Register their restaurant (name, address, contact info etc.).
  - Register their menu (either manually or uploading paper menu image).
  - Generate Qr-code to their menu page (When clients scan the Qr-code they will be able to see the restaurant menu and prices digital).

### COMPILER | MAR - MAY 2020

(C++ and bison (yacc) API) | Github

- Back-end based application which Compiles java code by three phases.

### CIRCUS OF PLATES GAME | DEC 2018

(JAVA) | Github

- Back-end based application which Compiles java code by three phases.

### FACE TO FACE CHAT WEB APP | APR 2019

(Ruby on rails, Html, CSS, Bootstrap) | Github

- Web based application which allows one single chat server and multiple chat clients simultaneously.

## ACHIEVEMENTS

- Ranked **1<sup>st</sup>** position among +15 teams at CS Week 2.0 hackathon organized by ACM Alexandria Student Chapter for development a mobile application to regulates the offending behaviors at Egyptian streets. **Link | Sep 2019**
- Ranked **7<sup>th</sup>** position among +35 teams at ALEXUNICPC. **Link | Oct 2019**
- ECPC finalist. **Link | Oct 2019**
- Ranked **3<sup>rd</sup>** position among 20 teams at Battle royal Competitive programming competition organized by ACM Alexandria Student Chapter **Link | Aug 2018**
- Top 40/2800 Academic Excellence **2016 - 2017**
- Solved +1200 programming problems & participated in various online and onsite contests. **Leetcode | Codeforces | 2018 - 2020**