Abdelfattah Mohamed

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- **GitHub:** https://github.com/Abdelfattah-Mohamed
- **LinkedIn:** https://www.linkedin.com/in/abdelfattah-mohamed/

About me
Undergraduate computer and system engineering - Faculty of Engineering, Alexandria University.

Volunteering and work experience

Head of public relation *10/2018 - current*
- ACM Alexandria student chapter

Technical member *9/2018 - 12/2018*
- MIA technical team interested in robotics (ROV, Minesweeper, Robocon).

Presenter *7/2019 - 9/2019*
- IJunior Project (Scratch, Computational Thinking and Machine learning for kids)

Education and courses work

B.Sc. at Computer and system engineering
- Expected graduation: 2021
- Cumulative percentage: 79.8%, Cumulative GPA: 3.33

- Statistics   - Probability
- Operating System   - HCI
- System Programming
- Algorithms & Data Structures
- OOP & Design Patterns

Selected projects

- **Online market for headlamp company** *01/2020 – 02/2020*
  (Ruby on Rails)
  - Web application for showing, order and sell headlamps.

- **DBMS and JDBC implementation** *11/2018 – 11/2018*
  (JAVA, JAVA FX)
  - A computer Database that's store, modifies and show database with some sql queries.
  - provides Java developers with a standard API that is used to access databases, regardless of the driver and database product with user interface.

- **Circus of plates game** *12/2018 – 1/2019*
  (JAVA)
  - It is single player-game in which each clown carries two stacks of plates, and there are a set of colored plates queues that fall and he tries to catch them if he manages to collect three consecutive plates of the same color, then they have vanished and his score increases.

- **Face to Face chat web app** *4/2019 – 4/2019*
  (Ruby on rails, Html, CSS, Bootstrap)
  - chat application that allows one single chat server and multiple chat clients simultaneously.

- **Pintos (OS course project)** *10/2019 – 12/2019*
  (C)
  - Solve phase1 & 2 from Pintos project with all tests passes.

Most proud of

- Top 40/2800 Academic Excellence   *2016*
- 3rd Battle royal organized by ACM student chapter. *8/2018*
- 1st CS Week 2.0 hackathon.   *9/2019*
- 7th ALEXUNICPC.   *10/2019*
- ECPC finalist.   *10/2019*
- Solved +600 programming problems & participated in various online and onsite contests.

Skills & Abilities
Strong
Java, C, Arduino, Ruby on Rails, Html, CSS, Bootstrap, Git, OOP, Data structure and Algorithms.

Familiar
JavaScript, MATLAB, JavaFX, Swing, SQL, Vue.js, Android(java), Firebase

Languages

- Arabic: native language
- English: intermediate (reading); basic (speaking, writing).