

Zaynab Yehia

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EDUCATION

Cairo University

Fall 2016 - July 2020

- Bachelor's degree in Computer Science Cairo University.

PROJECTS

- **Online Pre-Interview Tester**
 - Application for pre-interview testing for candidates applying on a specific position.
 - The candidate takes several tests for required skills and based on his overall scores he will continue in the process or not.
 - **Technologies:** MVC; Java; Spring Boot; Jsp; Javascript; HTML; CSS
- **Virtual File System**
 - Program simulates hard disk.
 - The user chooses the algorithm he prefers to allocate files into the hard disk.
 - The allocated data is being saved into the database to retrieve it in the start of the program.
 - **Technologies:** C++; OOP
- **Compression Library**
 - Done with multiple algorithms for compressing text and images like adaptive huffman for text and vector quantization for images.
 - **Technologies:** Java;
- **Vending Machine**
 - Vending machine simulator for soft drinks and snacks.
 - **Technologies:** C++
- **FCI Courses Registration System**
 - Program that informs students in FCI of the courses that they are eligible to register in.
 - **Technologies:** C++

ADDITIONAL EXPERIENCE AND ACHIEVEMENTS

Programming Competitions (2016 – present):

- Top 25% in ACM Arab Collegiate Programming Contest 2018.
- Top 30% in ACM Egyptian Collegiate Programming Contest 2018.
- Top 19% in ACM FCI-Cairo University Programming Contest 2018
- Top 60% in ACM Egyptian Collegiate Programming Contest 2017.
- Online competitions: [Codeforces](#)

TECHNOLOGIES AND SKILLS

- C++; Java; HTML; Linux; Eclipse; Problem solving; Data Structures; OOP