

Ahmed Khaled Sayed

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EDUCATION

2016 - 2021 **Ain Sham University (ASU), Faculty of Engineering, Cairo, Egypt.**

- **Computer and Systems** Department
- Accumulative Grade : **Good**
- Graduation Project Grade : **Excellent**

GRADUATION PROJECT

December 2020 **“Treat-min” Medical Platform**

- The application link on Google Play Store :
https://play.google.com/store/apps/details?id=com.treat_min.android

**Mobile
Application
Contribution**

- Responsible for mobile app development using Flutter Framework
- Responsible for implementing the app screens, state management, navigation, filtration and search features, validation and connecting with the backend

**Backend
Contribution**

- Responsible for backend development using Django
- Responsible for designing the database, splitting the project into applications with models for each application and maintaining the relations between them
- Responsible for creating Application Programming Interface (API) endpoints that returns the desired data from SQLite database
- Responsible for creating admin panel which is a user-friendly interface to deal with the database with customized permissions based on the user

Data Collecting

- Responsible for meeting with hospitals and laboratories managers to present the project and convince them to join our platform

COURSES

October 2021 **Android Java & Kotlin for Mobile Applications Development (38 hrs.)**

- Implementing user interface using XML.
- Java & Kotlin basics
- Dealing with Media (Video, Audio, Images)
- Dealing with Maps & user location & using internal storage
- Networking and dealing with APIs & JSON responses

February 2021 **Django “Python Framework” (11 hrs.)**

- Django applications
- Models and Relations between them
- Administration Panel and Django Email Functionality
- Forms and Validation
- Restful APIs

November 2020 **Flutter “Dart Framework” for Mobile Applications Development (43 hrs.)**

- Dart basics.
- Stateless, Stateful widgets, Multiple Screens, and navigation
- State Management using Provider
- Networking and Firebase

Summer 2019 **Mentor Graphics Academy “C++” (8 weeks program)**

- C++ basics
- Object Oriented Programming (OOP)
- Standard Template Library (STL)
- Exception Handling

EXTRACURRICULAR ACTIVITIES

Fall 2019 **Human Resources (HR) member, Mechanical Electrical Civil Architecture (MECA), ASU.**

- Conducted more than **40** interviews
- Coordinating teams of 8 members for a case study at **MECA Academy** sponsored by **Exxon Mobil**
- Screened more than **50** CV for all **MECA** events
- Responsible for registering applicants in MECA

Fall 2018 **Information Technology (IT) member, Associative Power Engineering Community (APEC), ASU.**

- Responsible for creating the form that applicants will apply to APEC events through
- Contributed to different sections of the new APEC website

Fall 2016 **Multimedia (MM) member, Connected Family, ASU.**

- Responsible for creating designs for the social media platforms
- Responsible for designing banners and flyers for offline events and covers for online campaigns
- Responsible for photographing Connected Family offline events for documentation and social media posts

COMPUTER SKILLS AND PROGRAMMING LANGUAGES

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|------------------|----------------|--------------|-----------------------|
| • Dart & Flutter | • Git & GitHub | • HTML & CSS | • Python & Django |
| • C++ | • SQL | • Firebase | • Java & Kotlin & XML |

LANGUAGES

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|--------------------------|------------------|
| • Arabic : Mother tongue | • English : Good |
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