

# Mohamed El Zarei

FULL STACK SOFTWARE ENGINEER

Cairo, Egypt

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## Education

### German University in Cairo

Cairo, Egypt

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Oct. 2014 - Sep. 2019 (Expected)

- Selected undergraduate courses: Operating Systems, Databases, Computer Architecture, Software Engineering, Discrete Mathematics, Data Structures and Algorithms, Networks, Theory of Computation.
- GPA : Excellent (A+).

### Udacity

MOOC

FULL STACK DEVELOPER NANODEGREE

Jan. 2017 - Mar. 2017 (Expected)

- Learning to build applications that can support any front-end, and scale to support hundreds of thousands of users.

## Skills

**Programming Languages** Python, Java, Objective-C, C/C++ (Competitive programming), PHP, SQL, NoSQL, HTML and CSS.

**MVC Frameworks** Flask, Django, Laravel, Android and iOS SDKs.

**Database Management Systems** MySQL, PostgreSQL and Google Cloud datastore.

## Projects

### Multi User Blog

A BLOGGING SYSTEM WITH SUPPORT FOR MULTIPLE USERS AND COMMENTS.

Jan. 2017

- <https://git.io/vMXgq>
- Developed and deployed a blogging system on Google Cloud using **Python** and **GQL**.
- User can create, edit, like posts and comment on others posts.

### Ask a fellow

AN EDUCATIONAL SOCIAL NETWORK CONNECTING STUDENTS FROM THE GUC.

Dec. 2016 - Current

- <https://git.io/vMXgY>
- Designed and developed REST APIs for Mobile Applications using **PHP** and **Laravel Framework**.
- Developing and testing Android application for the web app using **Java** and **Android SDK**.

### Kheir Blogger

A SOCIAL MEDIA PLATFORM FOR CHARITY EVENTS AND ACTIVITIES.

Jan. 2015 - Apr. 2015

- <https://git.io/vMXgl>
- Designed and implemented APIs to support mobile applications.
- Developed the backend system for the organizations interaction using **PHP** and **Laravel Framework**.
- Worked in a 15+ team for 3 months develop the complete backend.

## Experience

### Bdaya Techhub (Student Activity)

Cairo, Egypt

WEB AND MOBILE DEVELOPER

Nov. 2015 - Current

- Developing software for non-profit organizations to help them reach a wider audience.
- Working with a 15+ member team to design and develop several projects.

### Digital Creativity Company

Cairo, Egypt

IOS DEVELOPER

Aug. 2012 - Feb. 2013

- Designed and developed feature rich iOS Applications using Xcode and **Objective-C**.
- Worked effectively with 2 other team members to ensure software solutions elevated client side experience.
- Modified existing software to correct errors, adapt to new hardware and improve performance.