



## Profile

# Ahmed Elshaer

🇪🇬 Egyptian

✉ [ahmed3elshaer@gmail.com](mailto:ahmed3elshaer@gmail.com)

🏠 A1 , Gamal Aldin Abo El Mahasen,  
Garden City 11040, Egypt

☎ +201003614667

🌐 <https://ahmed3elshaer.github.io/>

Ahmed is from Cairo, Egypt where he works as an Android engineer at Flare, leads the mobile development team. He has 4+ years experience as an Android Engineer with a focus on location-based applications, software architecture, user experience design, gamification, supporting the developers community, making Android courses , studies machine learning and MOOCs .. In his spare time he is a guitarist, writes tech articles and dedicate time for updating himself with latest technologies.

## Work experience

### Android Engineer

11/2017 – present

Flare Technologies GmbH, Cairo, Germany / Egypt

- Design and Developing the Android app from scratch.
- lead the mobile development team.
- Research and creating user personas and making design sprints for the app idea.
- UX writing the app, then creating wireframes and interactive prototypes.
- Create from the ground up a solid Architecture that can be testable and scalable and bug free implementation.
- Used the latest Android Material Design components in UI Development with smooth Animations.
- Kept everything separated as possible with the help of Dependency Injection frameworks.
- A completely reactive and functional code base with the Android Architecture components and lifecycle.
- Created Firebase Cloud Functions NodeJS APIs for the apps.
- Developed Machine Learning traffic prediction for our bus lines.
- Develop a Spotter app - a person who spots any bus in the field developed with the same technology as Flare app.
- Develop a Driver app for bus drivers with realtime tracking for lines and trips.
- Setup and oversee the Development Lifecycle.
- Help improve and analyze the Product Design.
- Help in the recruitment process of the needed team members.
- Handle highly stressed situations and unexpected errors in an efficient manner.
- Implement Bluetooth interface for Android Navigation System.

### Android Engineer

06/2016 – 11/2017

MO4 Network, Cairo, Egypt

- Responsible for Developing ideas came up with the Creative team as an Android App from scratch.
- Integrate with NodeJS APIs.
- Collaborate with cross-functional teams to define, design, and ship new features.
- Continuously discover, evaluate, and implement new technologies to maximize development efficiency.
- Work on bug fixing and improving application performance.

## Work experience

- Migrate the existing app to fully support Kotlin.
- Build a client chatbot in a native Android app.
- Integrating with DialogFlow.
- Designing and implementing core food ordering applications and participating in internal software development projects .
- Developed automated process for inventory.
- Experimented with a variety of languages and frameworks.
- Analysis of business requirement.

## Education

### Computer Science Engineering

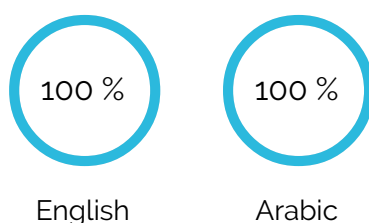
2013 – 2018

Faculty of Electronic Engineering, Menoufia University, Egypt

## Skills



## Languages



## Volunteering

### Android Instructor / Judge

03/2015 – 06/2015

Android Student Club Program by Google, Shibin Elkowm, Egypt

Android Club's main goal is for students taking the online Android Fundamentals course to meet in person after completing the week's lesson to discuss the content, work through challenges, and receive project guidance.

- Schedule: 1x week for 6 weeks, followed by a 7th meeting for sharing final projects.
- Handling student with the computers and performed on the syllabus of computer science.
- Leads each session by illustrating Android Content for beginners and recap last weeks.
- Offer guidance and tutor students .
- Providing new ideas and new technology to students.

## Volunteering

- Creating fun educational programs.
- Developed classroom programs, conducted workshops, instructed students according to lesson plans.
- Evaluated students progress.
- Lead advanced trainings and workshops/events.
- Deliver high quality presentations.
- Kick-off each session with a 15-min overview presentation of the last week's materials
- Address student questions and provide guidance to the students with their projects
- Track student attendance Report back to Google through the Android Club feedback form

### Ambassador

07/2014 – 06/2015

#### Google Student Ambassadors, Cairo, Egypt

Google Student Ambassadors program offers university students around the MENA region the chance to receive training from Googlers on various areas of work and knowledge

- Lead technical sessions about Google products and also non-technical sessions.
- host events at university campuses in order to share our knowledge with our fellow university students.
- Introduce many helpful tools which can improve the quality of their life and education.

## Publications

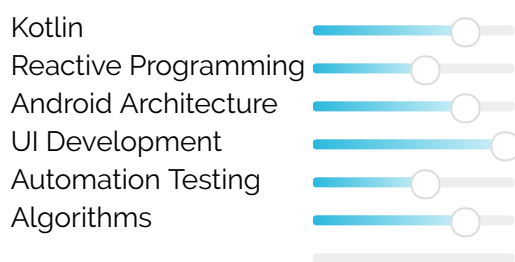
### Don't get stuck (An Advice in Learning Programming)

Ahmed ELshaer

<https://medium.com/@Ahmed3Elshaer/dont-get-stuck-an-advice-in-learning-programming-f0d0be61b95c>

## Skills

### Android



## Social Media



@Ahmed3Elshaer



/Ahmed3elshaer



/ahmad3elshaer



Personal Website



@Ahmed3Elshaer



Medium

## Strengths

Location based applications

Gamification

UX

Teaching

Self-driven