

Atef Hares

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Gender: Male | Age: 25 | Nationality: Egyptian | Location: Cairo, Egypt.

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Experiences (3+ years):-

Software Engineer (DevOps, Android, Acting as Senior) , *InfraLayer Ltd*, Cairo, Egypt, (Jun 2017 – **Dec 2018**)

Working on many Android projects with Scalability, Security and Performance as main quality attributes, using many tools, skills, languages, open-source projects, SDKs. Mainly Responsible for getting hard things done.

Android Developer, *Raye7 (carpooling startup)*, Cairo, Egypt, (Jul 2016 - Mar 2017)

I was responsible for the whole *Raye7* Android App development production work.

Android Self-Learner, *Mobile Application Launchpad Program (MAL)*, Egypt, (Nov 2015 – Feb 2016)

Education:-

2018, B. Sc. In Mathematics and Computer Science, Faculty of Science, AinShams university, Cairo, Egypt.

2011, High-School Certificate (Thanaweya Amma) - Math Section, Egypt.

Skills:-

Android Related: Android APIs, Android open source project [not experienced], **Kotlin**, Java, Android Studio, Android Async/Sync threading options, Firebase, Firestore, Google APIs, Gradle, Groovy, C/C++, NDK, JNI, RxJava, RxAndroid, Android Dependency injection options, Broadcasts, Services, Android IPC options, many open-source projects and tools, Json, Android networking options, Android App Bundles, Android architecture components, Dex loading, Dynamic dex loading, Android app bundles, Android storage options, Android system limitations, Android 8+ background services limitations, Android Work-Manger and similar options, Android Contacts Sqlite Database structure, Content providers, Material Design, Proguard, Micro-Services, Annotations, Annotation Processor, apt, kapt, and a lot more.

Academic studies and self-learning: Software Engineering, Multi-Threading, MVP, MVVM, MVC, Tasks-Worker architecture, SQL databases, No-SQL Databases, ORMs, Micro-Services, Linux, Shell Scripting, bash, Object-Oriented Programming, Event-Driven Programming, REST-APIs, SQL, Databases, Algorithms & Data Structures, JSON, XML, Go, Git, Micro-Services, Performance, Security, Stability, Scalability, VB.Net, Python, HTML, MATLAB (for Mathematics), PASCAL, Operating Systems, Logic Design, Computability theory, Automata theory, Compiler Design, Programming language Syntax and Semantics, File Structure, Computer Graphics and a lot more of cs studies. I also had studies in Pure Mathematics, Applied Mathematics, Statistics, Physics and Chemistry.

Projects:-

As being part Of *InfraLayer*: I worked on multiple projects mainly targeting the Android platform.

As being part Of *Raye7*: I was responsible for developing/Enhancing Raye7 & Raye7-CIB android apps.

Study-Organizer: *graduation project*, fully designed Android app, organizer of Classes/Exams for students.

Sunshine: *MAL in-course project*, A fully designed Weather Android application.

Popular-Movies: *MAL graduation project*, Android application for recent movies, TV shows and series.

Infinity-Calculator: Windows application. Simple/Scientific Calculator, VB.Net.

X-O Game pro: It's a "Tic-Tac-Toe" game, VB.Net, Windows application. You can play with CPU! [no AI]

Trainings and Internships:-

Summer - 2015, "Android Apps development fundamentals" Training at faculty of Science, AinShams university.

Summer - 2015, Business Developer, *Eco Co-working Space* Internship.

Summer - 2014, *Capmas* student training program: Including: Cisco IT Essentials 5.0

Summer - 2013, *InnovEgypt Program*, TIEC with Intel Ideation workshops.

Volunteering and Extra-Curricular activities:-

2016 – now: Mentor, I am volunteering to help some of my friends to learn Android. I am also helping them in some projects they are working on. Providing them with advices, best practice tips and useful resources.

2011 – 2015, Helper, I volunteered to more-explain many topics from My Faculty's Courses to many of my colleagues who have misunderstandings or problems in understanding these topics.

2012 – 2013, Microsoft Student Partner Representative, Microsoft tech club-ASU, MSP Program, Microsoft Egypt. Collaborated in organizing Events.

2011 – 2012, One of the founders & deputy leader of the Student Activity "Scientists of AinShams University".