

Hasan Hussein Badran

CONTACT

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EDUCATION

Computer Science

2017 — 2019

Lebanese University - Faculty Of Sciences

During my educational path, I developed and created outstanding projects such as :
Voting System built on Java and Blockchain, Python Telegram Scraping Bots, MSSQL
Database Optimiser, Mobile App for university (Native iOS and Android) and more.

WORK EXPERIENCE

Lebanese University

2020 — Present

Contract Software Developer

- Developed and builded a Corona fighting robot that delivers food to patients, the robot is built using Raspberry PI, Arduino, and an Android App to control it using web sockets along with a live stream. The robot is now being used in 2 public hospitals. (<https://www.globaltimes.cn/content/1187630.shtml>)
- Developed a Reporting app where citizens are able to fight expensive products by reporting it to the Ministry Of Economy, The app is built on Firebase stack (Firestore - Authentication- Notification).
- Developed and designed Android Attendance app using QR Codes along with it's Node.js + Express backend using typescript and latest technologies
- Developed CRUD control panels for document management using Laravel and Node.js

Econcepts

Jan 2017 — Present

Remote Android Developer

- Developed E-Commerce and Fashion world class apps where user can make and design custom clothes dynamically.
- Developed rich Rest API Apps.
- Developed AI related apps.
- Implemented and used latest technologies in app and views state management
- Being the only Android Developer is a big motivation to extend and upgrade my self through exploring large tech companies GitHub repos and it also increased my ability in self learning.

Semicolon

2019 — Present

Freelance Security Researcher

- Found more than 5 security vulnerabilities in Facebook incl. Instagram and WhatsApp. (<https://www.the961.com/facebook-awarded-three-lebanese-students-for-uncovering-a-security-gap/>)
- Found 1 security vulnerability in LinkedIn.
- Found 2 security vulnerabilities in Medium.
- Found several vulnerabilities in popular mobile apps that allowed us to bypass payments and much more.

MEES INT

2018 — 2019

Freelance Developer

- Designed and developed IoT mobile app to control home through GSM and WIFI with HTTP and MQTT protocols
- Designed and developed Industry 4.0 Desktop app
- Use cases and requirement collection
- It was a one time life experience which I encountered new technologies and faced new challenges.

Freelance Projects

Freelance Developer Work

During my career path I developed a high local reputation through hard work that gave me the chance to work several freelance projects:

- 3al Souk Android App, E-Commerce Multivendor app.
- Omega Android App , online educational platform with chat.
- iPocket Android App, for voucher and gift cards purchasing.
- Save It Android App, let users save articles and categorise them from links seamlessly for later read with a save head(like Facebook Chat head) for fast saving and with many features.
- Prosec app, Community app for news along with the backend.
- Parcel Hero Android App, Delivery system.
- Drive Well Android App, Detects sleepy drivers and awakens them using Google Vision API.
- Sahmi Android App, Forex community app with Stocks signals and notifications along with the backend.
- Central System for controlling more than 50 Wordpress website at the same time.
- Launch Manual iOS App, Survey App.
- Open source projects : <https://github.com/badranh>

QUALIFICATIONS

Skills: Kotlin, Java, RxAndroid, RxJava, RxKotlin, MVI, MVVM , MVRX, State Management, AWS, Dagger, Node.js, Cybersecurity, Docker, Swift, ReSwift, Redux, Epoxy, Pipelines & CI/CD, Reverse Engineering, Web sockets, Rest API, SnapKit, Profiler, Shell Scripting, Git.