

Khaldoun Kassam

Computer Engineering Graduate

Address: Bou Khalil Street

Jbail – Lebanon

Phone: 961-70 530 866

Email: kkassam95@gmail.com

LinkedIn:

<https://www.linkedin.com/in/khaldoun-kassam>

A passionate, fast learner and hardworking graduate looking forward to promoting my technical and soft skills.

Experience

06/2018 – 10/2018

Software Engineer Intern

NAR technologies (I)

- Learned the Clean Architecture used in software development
- Learned iOS Swift Programming, and developed NAR's iOS app with other team members
- Used GIT, JIRA and Bitbucket
- Sharpened my knowledge in Android app development through implementing NAR's RAVEN AI data module.
- Got introduced to AWS (Amazon Web Services) and implemented their SDK's in the android and iOS apps. (Specially Cognito, API endpoints, S3)
- Learned the basics of software unit testing and implemented some tests
- Got introduced to DJI's Android SDK and implemented few features to RAVEN AI app.

06/2017 – 07/2017

Field Application Intern

MultiLane SAL

- Configuring Bit-Error Rate Testers
- Testing Digital Oscilloscopes
- Implementing Interfaces for Oscilloscopes (using LabView)

Education

09/2013 – 05/2018

Lebanese American University

Bachelor's Degree in Computer Engineering

2012 – 2013

Maroun Abboud Official Secondary School

Lebanese Baccalaureate, General Sciences Section

Skills and Softwares

Software Skills

Java, JavaFX, Android, SQL, Swift (for iOS), C, GIT, Python

Hardware Skills

Assembly, Digital Logic Design, PCB Design, Verilog, VHDL, VLSI design, Analog Circuit Design

Softwares

Microsoft Desktop Apps (Word, PowerPoint, Excel), Android Studio, XCode, phpMyAdmin, Autocad 2D, Eagle PCB design tool, Orcad Capture PSpice simulation tool, MPLAB X IDE, Arduino, Bitbucket, JIRA

Personal Projects

09/2017 – 12/2017

Freelancing

Implemented an underwater Remote Operated Vehicle (ROV) using PIC18 programmed in C. Additionally, the project contained 5 other circuits that controlled the full motion of the vehicle with the attached robotic arm wirelessly.

01/2018 – 05/2018

University Final Year Project

Worked on a Smart Parking Solution based on RFID Technology that includes booking a space, paying online and reporting parking infractions. The project included 2 android apps (user app and police app), a backend system (database and credentials system designed in PHP from scratch) and hardware circuits including power circuits, PIC microcontrollers and A Raspberry-Pi connecting the whole hardware system to the internet.

Extracurricular Activities

2015 – 2018

Member of the LAU Robotics Club (one of the founders)

Languages

Proficient in English and Arabic. Beginner in French.

Interests

Robotics, Automation and IoT, PCB manufacturing, VLSI design, 3D printing, Electronics and Hardware design, learn new Languages (started learning French on my own)

References

(1) **Nicolas Zaatar:** CTO at NAR Technologies

Email: nicolas@nar.ai **Phone:** 961-70 849 057