

LANA ABI RACHED

Passionate Engineer, Proud Entrepreneur & Artist at Heart

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EDUCATION

MEng (Hons) Electronics with Management

King's College London

📅 September 2015 – June 2020

📍 London, UK

- **First-class Honors** for first, second and third year
- **Core Engineering Modules Include:** Logic Design (87), Principles of Electronics (90), Signals and Systems (88), Communication Systems (78)
- **Core Management Modules Include:** Economics (71), Engineering and Entrepreneurial Skills (92), Marketing (71)

Bachelor in Micro-engineering *Interrupted*

Ecole Polytechnique Federal Lausanne

📅 2013 – 2015

📍 Lausanne, Switzerland

- Representative of a male-dominated class of over 300 students for 2 years in a row

French Baccalaureate Diploma

College Notre-Dame de Jamhour

📅 2013

📍 Beirut, Lebanon

- “Tres Bien” (Highest Honors) distinction with an average of 17.2 / 20
- “Fruits and enzymes for a greener chemistry” research in partnership with CNRS Grenoble

WORK EXPERIENCE

Associate Consultant

Appian Corp. (EMEA)

📅 2020 – Present

Create Database and Automate Statistic Calculation

Ounoussa/Sohati/Loolia

📅 2018 – 2019

Teaching Assistant in Java Programming

King's College London

📅 2017 – 2018

Private Tutor in Biology and Chemistry

Ariana Tutoring - FigTree

📅 Since 2017

Private Tutor in French

Studybuddy UK

📅 2016

Internship in Computer engineering and networks

Entelligence, ESIB

📅 July 2012

FAVORITE QUOTE

" - Your child is disturbed, she wants to be a prophet! - So what? " - *Persepolis*

MOST PROUD OF



Founding Kids Next Door

Awareness Campaign around Syrian Refugees with 7k views on its first video on **Facebook** - I created, filmed and edited all the videos found in this **Youtube Series** as well as campaigning and contacting NGOs.



Awarded a medal and high-first on Master Project

Designed and Built my own distortion guitar pedal. Completed my master project in my 3rd year of bachelor and got awarded prizes and very flattering feedback on its basis.



Winning team of the first feminine U18 Futsal Arab championship

At age 14, I was the youngest player selected to found the first U18 women's football team of Lebanon.

STRENGTHS

Passion Long-Term Vision
Leadership Team Working
Creativity Fast Learner
Critical Problem Solving

C Java LaTeX Arduino
SolidWorks CATIA MatLab Swift
SQL Queries

LANGUAGES

French ●●●●●

English ●●●●●

Arabic ●●●●●

Spanish ●●●●●

ACADEMIC DISTINCTIONS

Recipient of the "KCLEA Medal" and bursaries

King's College London engineering Association

📅 2018

The KCLEA bursaries are awarded on the basis of academic performance and involvement in the life on campus. Moreover, the medal is awarded for distinctive academic performance notably on final year projects.

Recipient of the "Experience London Award"

King's College London

📅 2018

The King's Experience London Award recognizes your engagement with the community through activities such as voluntary work to encourage and reward local community engagement. I wrote a portfolio on my experience with Kids Next Door, Jusoor and the Syrian Refugee Crisis. I critically reflected on social media interactions, political dogmas and my project's structure.

1st Prize winner of the "Principal's Global Leadership Award"

King's College London | Interview Link

📅 2017

The PGLA is a very selective program that enabled me to learn about leadership through interactive case studies from experts in the field. The Award aims to develop distinctive leadership skills in service to society, in a global context; it trains an elite at King's and builds a network around it. I got awarded the first prize and my essays are now being used as an "exemplary submission".

DISTINCTIONS & PRIZES IN SPORTS

🏆 **National Titles in : Taekwondo, Squash, Shut-Put and Handball**
2005 – 2013

🏆 **Arab Champion in Futsal with the U18 Lebanese National Team**
2011

🏆 **Captain of the Basketball, Football and Handball School Teams**
2012–2013

🏆 **MVP in the Lebanese Evangelical School annual football tournament**
2011

VOLUNTEERING EXPERIENCE

💓 **Directing Activities at a school for Syrian Refugee Kids**
Jusoor - 2017 My 4 articles around my work - Jusoor's Website

💓 **Member, promoted to chief of a scout unit of 50 Girls aged 12-16**
GNDJ- 2005 – 2013

💓 **Renovation of Houses in a post-bomb site**
Offre Joie - 2013

💓 **Organizer and helper at fund-raising concerts**
4 a cause - 2011–2013

SUMMER SCHOOLS

Development of China Compared to Western Countries

Renmin University of China

📅 July 2016

📍 Beijing, China

Intermediate Spanish Intensive Course

Tecnologico de Monterrey

📅 June 2017

📍 Mexico City, Mexico

Introduction to Anthropology

University of Sydney

📅 July 2018

📍 Sydney, Australia

PROJECTS

Motion-Controlled Guitar Pedals

Master's Project at King's College London

📅 2017 – 2018

Designed, built and analyzed analogue guitar effect sensory controlled by guitar movements. Study of distortion effect diode based circuit. Awarded a 80% - 'high-first'.

Kids Next Door

Awareness Campaign around Syrian Refugees | Facebook Page and Youtube Series

📅 Since 2017

SOCIETIES & CLUBS

★ **Filming & Media Manager**
KCL School of Life

★ **Co-Founder and current Treasurer**
KCL Lebanese Society

★ **President & Varsity Squad Player**
KCL Women's Football Club

★ **Co-Founder and previous VP**
Lebanese Students in Lausanne

ADDITIONAL SKILLS

Photoshop | Illustrator | InDesign | Premiere Pro

Microsoft Office | iWork Series | FinalCut Pro X

Guitar Piano Singing

REFEREES

Prof. Osvaldo Simeone

@ King's College London

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Lecturer in Communication Systems