

Khaled K. Shehada

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Education

MIT - MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Cambridge, MA

Bachelor of Science

Computer Science and Engineering

2018-2022

LYCEE PIERRE MECHAIN

Laon, France

French General Baccalauréate

Scientific Track · Specialization in Mathematics

2017-2018

Experience

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Cambridge, MA

Undergraduate Research

September 2018 – January 2019

- Assisting the Lookit team by processing and tagging video data of human infant participants for parent/child looking and behavior.
- Learning about the experimental design of the study and the previous literature.
- Working on the development of automatic machine learning classifiers for this type of video data.
- Applying scientific programming (Python) to analyze the datasets produced in this study.
- Converting existing datasets of eye-gaze tracking into a standard format for psychological datasets (Psych-DS).

PALTEL GROUP FOUNDATION

Gaza, Palestine

Trainee

July 2015 – May 2018

- Learning and applying basic and advanced programming skills over three years, supervised by alumni from Stanford University.
- Using Design Thinking to identify real-world problems, generate solutions, and design human-centered interfaces.

STEP- SCIENTIFIC ENTREPRENEURSHIP AND TECHNOLOGY PROGRAM

Gaza, Palestine

Trainee

January 2016 – August 2016

- Participating in an extensive scientific research training over six months, building my own research project, and winning in the program's final competition.
- Participating, as a winner, in a traineeship program based at NASA Goddard and Space Flight Center, National Air and Space Museum (NASM), and University of Maryland.

A2Z

Gaza, Palestine

Programmer

January 2014 – May 2016

- Working with start-up projects and actively participating in developing the final products in a timely-manner.
- Participating in local and national competitions to receive fund for start-up ideas, including and beyond World Imagine Cup (2014), Startup Weekend Gaza (2013 & 2015), SEED (2016).

A.M. QATTAN FOUNDATION

Gaza, Palestine

Programming Trainer

January 2016

- Teaching basic programming using Python to >40 young, aspiring kids over a month.
- Assisting trainees and other kids in building basic projects in Startup Weekend Kids.

Skills & Interests

Technical:

- **Proficient:**
 - Web-Design and Development using Python (Django, Flask), HTML, CSS, and JavaScript.
 - Data Analysis and Computational Modelling using Python (familiar with R as well).
 - AI & Machine Learning: Symbolic AI, KNN, Deep Neural Nets, CNN, SVM, Boosting.
 - Microsoft Office: Word, PowerPoint, Excel, Access.
 - Adobe: Photoshop, Premier.
- **Familiar with:**
 - Android Development: Android Studio (Java, XML).
 - Game Design and Development: Unity3D (C#, JavaScript), Stencyl (Action Script).
 - Computer Vision: OpenCV (Python).
- **Typing Speed:** 80 wpm.

Languages:

- Arabic, English, and French.

Interests:

- Intellectual Activities: Model United Nation, debates, reading, watching movies, playing board games.
- Physical Activities: Swimming, hiking, karate.
- Making & drinking tea.

Awards

- National Winner - Scientific & Technological Entrepreneurship Program (S.T.E.P.) 2016.
- 2nd Place - National Mathematics Competition 2017.
- National Finalist - Microsoft Imagine Cup 2014.
- 1st Place Young Researchers 2014.
- 1st Place - Startup Weekend Gaza 2013.