
Education

MIT - MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Cambridge, MA

Bachelor of Science

2018-2022

Computer Science and Engineering

Current GPA: 5.0/5.0

Relevant Coursework: Artificial Intelligence (6.034), Computational Thinking and Data Sciences, Computation Structures (6.004), Fundamentals of Programming (6.009), Introduction to Psychological Sciences (9.00).

LYCEE PIERRE MECHAIN

Laon, France

French General Baccalauréate

2017-2018

Scientific Track · Specialization in Mathematics

Experience

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Cambridge, MA

Undergraduate Research

September 2018 – Present

- Assisting the Lookit team by processing looking and behavior data from videos of infant participants.
- Working on the development of automatic machine learning classifiers for this type of video data.
- Converting existing datasets of eye-gaze tracking into a standard format for datasets (Psych-DS).

PALTEL GROUP FOUNDATION

Gaza, Palestine

Trainee

July 2015 – May 2018

- Learning basic and advanced programming 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.
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Skills & Interests

- **Programming & Markup Languages:** Python, Java, HTML, CSS, JavaScript, R, C#.
 - **Programming Frameworks & Platforms:** Flask, Django, Android Studio, Git, Unity3D, OpenCV, Tkinter, Pygame.
 - **Experience with:** Symbolic AI, Machine learning, Data Analysis, Android Development, Web development, Computer Vision, Game Design.
 - **Languages spoken:** Arabic: Proficient, English: Proficient, and French: Intermediate.
 - **Interests:** Model United Nation, debates, reading, watching movies, swimming, hiking, karate.
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Awards

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