Khaled K. Shehada

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Education

Massachusetts Institute of Technology (MIT)   Cambridge, MA
- Bachelor of Science – Computer Science and Engineering   August 2018 – June 2022
- Bachelor of Science – Brain and Cognitive Sciences
- Current GPA: 4.7/5.0
- Relevant Coursework: Artificial Intelligence, Machine Learning, Computation Structures, Data Science, Algorithms, Psychology, Calculus, Science Writing, Linguistics, Neuroscience.

Lycée Pierre Méchain   Laon, France
- French General Baccalauréate   September 2017 – June 2018
- Scientific Track – Specialization in Mathematics

Experience

Unity3D Developer   Cambridge, MA
AIM Photonics Academy   June 2019 – September 2019
- Created two educational simulations for an integrated photonics edX course.
- Designed UI/UX and electric field animations for these simulations.
- Prototyped game-based learning and implemented assessment interface.

Undergraduate Researcher   Cambridge, MA
MIT Quest for Intelligence   September 2018 – March 2019
- Analyzed and processed looking and behavior data from videos of infant participants.
- Converted existing datasets of eye-gaze tracking into a standard format for datasets (Psych-DS).
- Developed automated eye-tracking software for developmental psychology research computer vision.

Trainee   Gaza, Palestine
Palestinian Telecommunication Group Foundation   July 2015 – May 2018
- Learned algorithmic design and data structures over three years, supervised by Stanford University alumni.
- Identified real-world problems, generated solutions, and designed human-centered interface based on the Design Thinking model.

Programmer   Gaza, Palestine
Freelance   January 2014 – May 2017
- Built three start-up projects and developed a final product in a timely-manner.
- Raised funds for start-up ideas in local and national competitions, including World Imagine Cup (2014), Startup Weekend Gaza (2013 & 2015), SEED (2016).

Skills & Interests

- **Programming & Markup Languages:** Python, Java, HTML, CSS, JavaScript, R, C#.
- **Programming Frameworks & Platforms:** Flask, Django, Android Studio, Git, Unity3D, OpenCV, TensorFlow.
- **Experience with:** AI & Machine learning, Data Analysis, 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, and cooking.

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