**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

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**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