**Khaled K. Shehada**

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**Education**

**MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)** Cambridge, MA

* Bachelor of Science - Computer Science and Engineering 2018-2022
* Bachelor of Science – Brain and Cognitive Sciences
* Current GPA: 4.7/5.0
* Relevant Coursework: Artificial Intelligence, Introduction to Machine Learning, Computation Structures, Data Science, Introduction to Psychology, Calculus, Science Writing, Introduction to Linguistics, Introduction to Neuroscience.

**LYCEE PIERRE MECHAIN** Laon, France

French General Baccalauréate 2017-2018

Scientific Track · Specialization in Mathematics

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**Experience**

**AIM PHOTONICS ACADEMY**  Cambridge, MA

**Unity3D Developer** June 2019 – September 2019

* Expanding upon the Virtual Lab’s (VL) simulations by creating the first version of the MZI/MZM simulation.
* Designing UI/UX and electric field animations for VL simulations.
* Prototyping game-based learning and implementing assessment interface.

**MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)**  Cambridge, MA

**Undergraduate Research** September 2018 – March 2019

* Assisting the Lookit team by processing looking and behavior data from videos of infant participants.
* Converting existing datasets of eye-gaze tracking into a standard format for datasets (Psych-DS).
* Using machine learning to develop automated eye-tracking software for developmental psychology research.

**PALTEL GROUP FOUNDATION** Gaza, Palestine

**Trainee**  July 2015 – May 2018

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

**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).

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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, TensorFlow.
* **Experience with:** 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.

**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