Khaled K. Shehada

305 Memorial Drive • Cambridge, MA 02139 • shehadak@mit.edu • (857) 225-3060 • mit.edu/shehadak/www

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

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).

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