

Nima Karshenas

31 Claxton Grove
W6 8HD

07908255965

nima.karshenas@gmail.com

Education

MEng Electrical and Electronic Engineering, Imperial College London, [2018 – 2022]

I am currently attending my third year, predicted to finish with a First and finished with 68.5% and 67.8% in the first and second years respectively. Relevant completed modules: Data Structures, Algorithms and Complexity, Probability and Statistics, Mathematics. Relevant modules to be completed in third year: High-Level Programming, Machine Learning, Deep Learning, Mathematics [Linear Algebra], Digital Signal Processing, Advanced Signal Processing.

A-Level, GCSEs, Monk's Walk School, [2011-2018]

A-Levels : Mathematics [A*] Further Mathematics [A*] Physics [A*] //
GCSEs : 10[A*] 2[A].

Experience

Year Two Design Project, Imperial College London, [October 2019 - March 2020]

Lead software development in a team of 8 students designing a fall detection wristband and a home tablet GUI tailored for people suffering with dementia and are living at home alone.

SoftBank Robotics, Paris, [August 2017]

Spent two weeks looking at the role and design of passive and active filters in a commercial robot. The role required me to communicate with engineers in French.

Sixth Form Engineering Project, Hertfordshire, [October 2016 - April 2017]

Worked as research leader in a team of 6 students developing practical implications of LiFi technology in partnership with Deutsche Telekom.

Skills/Roles

Programming

Project experience using the following languages:

- C++, MATLAB, SQL, Swift, Python [NumPy, Tkinter, Pandas, Seaborn, Matplotlib, scikit-learn, TensorFlow].

Founder and Director of Start-up Company *Blithe Healthcare Ltd*

Recently founded a start-up company inspired by research conducted on the Year Two Design Project. Spent extensive time developing a technical and business plan for the future guided by data analytics conducted on the market. Began development of the iOS application using the language Swift.

Languages

Native speaker in both English and Farsi, comfortable communicating in French.

Tuition

Worked as a private tutor for two A-Level students in 2017/18. Currently an Undergraduate Tutor teaching second year students in *Electromagnetism* and *Maths*.