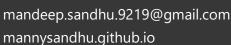




Wohsito



Edinburgh, Scotland 0757 7397 121



# **MANDEEP SANDHU**

An aspiring software professional with deep interests in software engineering, embedded, IoT and robotic systems. Passionate about Computer Science with knowledge in artificial intelligence and machine learning. Pride myself on ability to commit to learning difficult skills, tools and concepts. Aptitude for working autonomously or within a team. Determined to achieve outstanding results and delivering innovative and effective solutions. Have excelled in challenging endeavours outside of academia to develop a rounded and success-oriented character that will encourage development and achievement of long-term goals. Hold an overarching career aim of becoming a software professional.

### **Experience**

Mar. 2019 – Jun. 2019 Storm Ideas - Edinburgh Graduate Web Developer

### Languages

Java / Kotlin

**Python** 

**C**++

JS / HTML

**SQL** 

## **Knowledge**

OOP

ML/loT

**Android** 

**Algorithms** 

## **Qualifications**



2017 – 2018 M.Sc. Computer Science



2012 – 2016

B.Sc. Computer Science and

Artificial Intelligence First-class

# **Projects**

#### 2018 City Street Exploration (MSc Dissertation)

An efficient and novel routing algorithm for interest-based city street exploration

#### 2018 Deep Learning

A Deep Learning project to classifiy music Course list genres embedded in the data using Deep Neural Networks

#### 2018 IoT Indoor Localisation

IoT system utilising Bluetooth beacons for indoor localisation

#### 2017 IoT Step Tracker

IoT step tracking device interfaced to Android application that predicts steps using Machine Learning

#### **2017** Planetary Rover Robot

Full-stack planetary rover based robot developed to sense, autonomously navigate and complete assigned tasks

#### 2016 Neuro-evolution (BSc Dissertation)

Training neural networks using evolutionary algorithms

# Supplementary



The Duke of Edinburgh's Bronze & Silver Awards



Play the guitar 10+ years

**Brown Belt in Judo** 



**Career Target** 

Software Professional