



0/5 s17

Edinburgh, Scotland 0757 7397 121 s1784723@ed.ac.uk mannysandhu.github.io



#### Website

## Soft skills

- Communication
- Planning and organisation Enthusiasm
- Problem-solving
- Teamwork

## Languages

Java

**Python** 

C++

**JavaScript** 

## Knowledge

**Object-oriented Prog.** 

**Artificial Intel.** 

Internet of Things

**Software Eng.** 

# Supplementary



The Duke of Edinburgh's Bronze & Silver Awards



Brown Belt in Judo 6+ years



Guitar 10+ years

# **MANDEEP SANDHU**

## **MSc Computer Science candidate**

An aspiring software engineer / developer with an interest in embedded systems, IoT systems, robotics and software engineering. Pride myself on ability to commit to learning difficult skills and concepts and determination to achieve outstanding results. Have applied and excelled in endeavours outside of academia to develop a rounded and success-oriented attitude that will encourage achievement of long-term goals.

# **Qualifications**

### 2017 - 2018

MSc Computer Science candidate



THE UNIVERSITY of EDINBURGH



### 2012 - 2016

BSc Computer Science and Artificial Intelligence First-class Honours

# **Projects & Courses**

### 2018 Internet of Things II

Bluetooth beacon based indoor localisation system



#### 2018 Deep Learning

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

### 2017 Internet of Things

IoT step tracking device interfaced to Android application that predicts steps using a Naïve Bayes algorithm

#### 2017 Robotics

Full stack planetary rover based robot developed to perform autonomous navigation and complete objectives

#### 2016 Neural Networks

BSc dissertation on optimising neural networks using evolutionary algorithms



# **Career Target:**

Software Engineer / Space industry