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.

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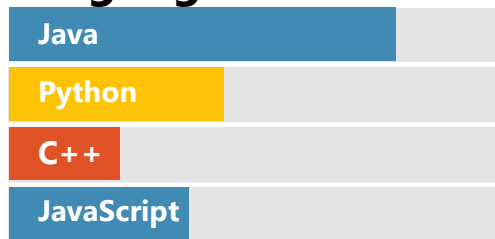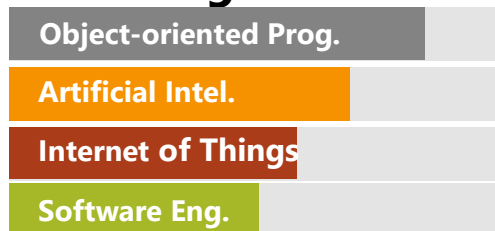s1784723@ed.ac.uk
mannysandhu.github.io

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

Qualifications

2017 – 2018
MSc Computer
Science candidate

THE UNIVERSITY of EDINBURGH

Brunel University London

2012 – 2016
BSc Computer Science and Artificial Intelligence **First-class Honours**

Projects & Courses

2018   Internet of Things II
Bluetooth beacon based indoor localisation system

Course list

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