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| |  |  | | --- | --- | |  | Edinburgh, Scotland | |  | 0757 7397 121 | |  | s1784723@ed.ac.uk | |  | mannysandhu.github.io |   Languages  **Java**  **Python**  **C++**  **JavaScript**  Key Skills  **OOP**  **Android**  **Databases**  **Web**  Extracurricular   The Duke of Edinburgh’s Bronze & Silver Awards(1st Kyu) Brown Belt in Judo | 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.**  Education 2017 – 2018 *MSc Computer Science candidate* 2012 – 2016 *BSc Computer Science and Artificial Intelligence* ***1st Class Honours***  Projects 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  **Target:**  **Software Engineer / Space industry** |
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