**Student Information Slip**

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| **Name**: Theo Matthews | Photo: C:\Users\Admin123\AppData\Local\Microsoft\Windows\INetCacheContent.Word\12593479_10153293062711835_9080266439308730356_o.jpg |
| **Project title: Developing a mobile app for assessing mental-health risks** |
| **Brief project description:**  GRiST is a web based application that encapsulates the risk expertise of over 3,000 clinicians that have submitted over 1 million assessments into the decision support system. My project aim is to create mobile application developed for Android smartphones that provides an quick and accessible user interface that will feed data into the GRiST decision support system. The focus of the application will be to allow the user to conduct a mental-health safety assessment. Through an interface of sequential questions that vary depending on what inputs are given, it will provide access to the machine learning features of GRiST. Then, the application will return a validated evaluation, and what steps to proceed with. The application itself will be a platform for other features of GRiST and myGRaCE (a variant of GRiST) to be implemented on mobile in the future. Flexibility in system architecture will be key to allow for future extension. |
| **Contact Details**: 07983878581  **Email**: matthtgs@aston.ac.uk  **Url**: |
| **Degree**:  Computer Science | |
| **Year**: Final | |
| **Looking for a Graduate Job:** Yes | |
| **Short Bio**:  I am a Final Year Computing Science Undergraduate with five years of software development experience with strong communication and problem solving skills that have helped me create an Android application with over 8,000 downloads with an average rating of 4\* and maintain a 75% grade average at university. I spent the past academic year as a software developer on an industrial placement at IBM, Hursley. I had a large focus on Jenkins CI enhancements where I created features used by the whole development team. Other role successes included discovering several critical defects through my effective load testing and introducing scheduling logic that reduced wasted processing by 50%. Placement gave me the opportunity to see theory in practise, and I am very keen to return to the industry as a graduate. | |