**Oscar Trott**



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**Personal Statement**

A recent Computer Science graduate with a 1st honours degree from the University of Sussex, looking for full or part-time work to broaden my horizons and experiences and which would allow me to apply and grow my problem-solving skills and general knowledge. I spend much of my spare time doing practical and personal projects. My education until sixth form was mostly provided by my parents and by venture of my own exploration into various fields, which gave me excellent research skills and the ability to quickly learn how to accomplish tasks.

**Work Experience**

**Materials and Logistics Manager, Canadian High Commission June 2015 – September 2015**Responsible for the acquisition, storage and distribution of office supplies, printer toner and various other supplemental equipment. Helped with the escorting of builders around work sites within the High Commission and Government owned buildings.

**Achievements**

During my Home-education my parents undertook the construction of a fully sustainable eco house in France, as they were also teaching us during this time my brother and I went with them and learnt much of the ecological challenges when constructing a house out of recycled materials and the damage which humans are causing to the environment around us.

My Final Year Project which I undertook during my Computer Science degree at the University of Sussex was undertaken with the aim of automatically classifying the Cognitive Affective states experienced by a user when interacting with digital media via a desktop computer through applying conventional computer vision techniques onto a video feed provided by a depth camera.

During my first year of my Computer Science degree at the University of Sussex I was part of the team which won the Global Design challenge in hub 4.

**Education**

**Bsc, Computer Science (Honours). Achieved: First** 2017University of Sussex East Sussex, United Kingdom  
Dissertation: “Cognitive affect detection through application of computer vision on depth”  
  
Supervisor’s comments: “This is an excellent project, which features a good deal of both technical and scientific contributions. The project was perfectly executed given the challenges introduced ion the data collection side of things. Very well done!” Dr. Luc Berthouze  
  
Degree content: Introduction to Multimedia, Introduction to Programming, Further Programming, Data Structures and Algorithms, Professional Skills, Programming Concepts, Introduction to Computer Systems, Mathematical Concepts, Compilers and Computer Architecture, Computer Networks, Natural Language Engineering, Program Analysis, Databases, Software Engineering, Operating Systems, Machine Learning, Neural Networks, Human-Computer Interaction, Limits of Computation, Web Computing , Comparative Programming.

**A-level, Computing. Achieved: A** 2014Varndean College East Sussex, United Kingdom

**A-level, Maths. Achieved: B**  2014Varndean College East Sussex, United Kingdom

**A-level, Physics. Achieved: B** 2014Varndean College East Sussex, United Kingdom

**AS-level, Electronics. Achieved: A** 2013Varndean College East Sussex, United Kingdom

**BTEC level 2, Interactive Media. Achieved: Distinction** 2014Varndean College East Sussex, United Kingdom

**GCSE, Maths. Achieved: A** 2012Home Education East Sussex, United Kingdom

**GCSE, Physics. Achieved: A** 2012Home Education East Sussex, United Kingdom

**GCSE, English. Achieved: B** 2012Home Education East Sussex, United Kingdom

**GCSE, Core Science. Achieved: B** 2012Home Education East Sussex, United Kingdom

**Hobbies**

I have many keen hobbies which each provide their own opportunities for developing my knowledge and experiences. These hobbies include activities such as star gazing, which gives me the patience necessary to get the perfect view. Miniature modelling/wargames, such as Warhammer which requires the construction and painting of many small figures giving me an eye for detail. Personal projects in my spare time using both my passion for technology and the skills I developed while at uni to write programs from the ground up for optical sheet music recognition and scene segmentation from optical flow analysis.

**References**

Dr. Luc Berthouze

Dr. Harry Witchel

Julie-Anne Thomas