

### **Jason Renwick, August 2016 Update**

I was awarded a 2015 Ames Honour Award from the NASA Ames Research Centre in California, USA. Nominated by an employee at the Research Centre, I was selected from among 100 others to receive an award in the Student category. I was one of two T&T students to be invited by our departments to return to the Research Centre to continue our research, focused on electronics and prognostics, looking at capacitors, electrical energy and the prediction of failure in electronic devices. I did return to NASA in Nov 2015 to accept same. I do keep in touch with NASA colleagues though some of have moved on to other jobs.

I have since completed my second year of my BSc Electrical and Computer Engineering and, I believe my NASA experience helped me to get the IBM summer internship in New York where I am based now. My work here is on Physical Analytics, specifically the Geospatial Unmanned Air Vehicle (UAV) project which *seeks to explore the potential for data acquisition from semi-professional drones for geospatial applications. The drones used in this project are equipped with standard RGB cameras, GPS modules and various sensors. The high resolution images acquired by the drone can be processed in multiple ways.*

Source: [http://researcher.watson.ibm.com/researcher/view\\_group\\_subpage.php?id=7222](http://researcher.watson.ibm.com/researcher/view_group_subpage.php?id=7222)

I am thoroughly enjoying myself in New York.