

## Inzamam Rahaman, August 2016 Update

The NASA World Wind project lay at the confluence of several contemporary issues including Computing: Big Data, Human Factors in Computing, Crowd Sourcing, Software Engineering, Geographic Information Systems, and Web Development. Consequently, my experience under the World Wind project helped me to be more rounded and developed as a computer scientist and software developer - consolidating my competencies in areas that I was familiar with and offering a context for my understanding to make inroads into areas that I was previously unfamiliar with.

My experience also shaped my perspective of my field, which has encouraged me to further my studies in the direction of scientific research. Consequently, I am going to start my MPhil in Computer Science from September 2016. Moreover, through my research with Prof. Patrick Hosein, two of my papers have been accepted - one to the 12th International Workshop on Mining and Learning on Graphs and another to the 2016 IEEE/ACM International Conference on Advances in Social Network Analysis and Mining. Both of these are to be presented in San Francisco in August 2016.

The group had a diverse pool of students from different backgrounds, several of which I still keep in contact with. I also still keep in contact with my NASA mentor. In fact, I am planning to meet in person with both of my friends from NASA, one of whom is undertaking an internship in San Francisco, and my NASA mentor for lunch during my upcoming trip in San Francisco.

The NASA I2 Internship was a fantastic opportunity to gain international experience that many students would not be able to access. Silicon Valley is the source from where many technological innovations are born and percolate through the rest of the world. One of best places to visit for any computing professional or student to visit is the Computing History Museum located in Mountain View.

On a personal level, the internship served as the first time that I ever lived away from home. Therefore, the experience helped me to become more independent. I also made some great friends during my time at NASA, who as aforementioned I still keep in contact with. Also, I learned to ride a bicycle!

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Inzamam is a member of the TTLAB which consists of First-Class Honors graduates, Postgraduate Students and Faculty Members in Computer Science, Electrical Engineering and Mathematics at the University of the West Indies, St. Augustine. Its objective is to pursue research that is beneficial to society but also publication level quality. In their August 2016 semi-annual preview they present published research over the last six months and briefly describe work submitted for publication and ongoing work. Inzamam's collaborative work is included in this preview:

I. Rahaman and P. Hosein, "Using MapReduce for Impression Allocation in Online Social Networks", 12th International Workshop on Mining and Learning with Graphs, San Francisco, USA, Aug. 2016.

I. Rahaman and P. Hosein, "Heuristics for Advertising Revenue Optimization in Online Social Networks", IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, San Francisco, USA, Aug. 2016.