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| Report for International Internship |  |
| Student Name: Dhiraj Kumar |  |
| Program Name: Mit Visiting Student |  |
| University: Massachusetts Institute of Technology |  |
| Department: Computer Science and Artificial Intelligence Lab |  |
| Project Topic: Human Computer Interaction |  |
| IITKGP Dept./School/Center and Degree Program: Industrial and Systems Engineering |  |
| Duration of Internship: 2 months |  |
| Supervisor Name: Prof. Arvind Satyanarayan |  |

**PROJECT DETAILS, OUTCOMES AND SUMMARY (3-4 BULLET POINTS OF WHAT YOU LEARNED AND HOW IT IS GOING TO APPLY TO REAL LIFE):**

* In the starting few days I worked on the existing Vega Lite Visualization library. I developed and added key features to the library. The library would be further used by people and organizations all over the world. Organizations such as Wikipedia are in the process of adopting the library.
* For the next part of my internship, my work was focused on researching a new visualization environment through which people with no programming experience such as Data Journalists can create interactive custom visualizations and documents.
* The project is still under development and I would be working on it remotely collaborating with the team at MIT. We are planning to get a research paper out it in the coming months.
* Not only did I learn the technical aspects of my internship, I was able to get first-hand information as to how people in the top universities conduct research and discuss ideas. I was presented to a certain research and work culture which was truly amazing. I would be applying those ideas into my work and research at IIT Kharagpur.

**OTHER ACTIVITIES:**

I actively took part in the events and activities organized by the International Visiting Student Club. We had picnics together, movie night, salsa dance workshops etc. It was very fascinating for me to talk to people from all over the world and get a taste of their culture through interaction with them. I also went sailing in the charles river along with the people of our club. Throughout my stay in Boston, I went to different places and markets in the city every weekend. I also happen to visit the cities of Seattle and New York. My internship in the US was truly memorable and I would cherish these memories forever.