**Capstone ideas**

1. **Identifying letters or numbers drawn in air by moving a cell phone.**

Goal:

The goal of this project will be to help develop a smartphone application which can be used by the user to draw letters or alphabets in the air while holding their cell phone in hand and then perform a predefined action based on the identified letters or numbers. For e.g. if the user drew the letter ‘V’ in the air then the application would call Vishal.

Data:

Data for this project will have to be generated manually by capturing accelerometer reading from a smartphone.

**2. Mapping news propagation of world events**

Goal:

The goal of this project is to track how a piece of news gets propagated across the world. For e.g. if you read a news article about how someone in the Amazon rain forest found a new species of Frog, this project will let you determine how did the news get to you, which news agency did your news channel query, which source did that agency got its news from, was there a twitter source and so on. This will eventually help evaluate the credibility of news.

Data:

Not sure where to get this data.

**3.** [**https://www.kaggle.com/c/outbrain-click-prediction**](https://www.kaggle.com/c/outbrain-click-prediction)

This seems like a very interesting competition that I can try as part of my Capstone.