Heng Wu

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EDUCATION

- New York University — Brooklyn, New York
  Aug 2015 - Present expected grade date: May 2017
  M.S in Computer Science
- University of Electronic Science and Technology of China — Chengdu, China
  Sep 2011 - May 2015 GPA: 3.70/4.00
  B.E in Communication Engineer

SKILLS

- Programming Languages: Java, Python, html, css, nodejs, php
- Other Skills: Web development, Android Development

PROJECTS

Google Internship — Mountain View — May 2016 - Aug 2016

- The project aims to build an infrastructure to help Google engineer to send specific in app message, which is a card, to the target users. Implemented the project by Java
- Implemented a method used Map Reduce and Big Table technology to extract the personal information of users from 20M~30M users and find the right target users to send cards
- Design and build a database to store the users' information and made it quicker to query the information of users.

Visualization Of Twitter Verbal Abuse Speech — Mar 2016 - May 2016

- The project is aimed to visualize the abusive speech on Twitter, and help the user to understand the reason why people want to send out those abusive speech. Implemented the project by Javascript, Nodejs
- Design and build a database to store the live data from Twitter api. Store them on Elastic Search and deploy on AWS
- Used D3.js to implemented visualization part.
- Github Link: https://github.com/NYU-CS6313-SPRING2016/Group-1-Twitter-Verbal-Abuse

Real-Time Video Communication App — Sep 2013 - Nov 2013

- Developed an Android App for real-time video communication
- Video Stream was compressed using H.264 codec
- Used the hardware of the cell phone to generate the video stream, namely hard-code.
- An C algorithm to decode the video stream.

Wearable Mobile Device Tracking App — Mar 2014 - May 2014

- Developed an Android app which users can share their thoughts and post pictures on a map which record their trip route and share this map to their friends.
- Cooperated with China Telecom Co .,Ltd

Professors and Thesis Match System — Oct 2014-May 2015

- The system matches professors with topics of thesis defense based on their research interests and the content of the thesis
- Implemented a new recommendation algorithm, which is the hybrid of Collaborative Filtering Recommendation and content-based recommendation algorithm to match the thesis to the most suitable professors, which is implemented in Python
- Implemented vector space model to represent the research interests of the professors. The accuracy of the result recommended by this is system is about 90%