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PROFILE

Enthusiastic and self-motivated programmer with 2 years' front end development experience. Proficient in building web apps and visualizing geo-referenced data. MS student from University at Buffalo, graduating in September.

PROGRAMMING SKILLS

Web:	JavaScript (proficient)	jQuery	D3.js	Angular.js
	Node.js	React.js	Bootstrap	Materialize.css
Languages:	Python (proficient)	C/C++	VBA (proficient)	C#
Database:	SQL (proficient)			
Packages:	MS Office (proficient)			

PROJECTS

- **Sept 2015 – Mar 2016:** Online score dashboard for 4-player games. (Materialize.css and Angular.js) Available at: http://devas114.github.io/score-counter
- **Sept 2014 – Oct 2015:** Web app called WeiboMap that generates geo-referenced visualization of information diffusion on Weibo, a Chinese counterpart for Twitter. This tool helps to visualize information flows from both geographical and temporal perspectives, reveals the information spread pattern, and clearly distinguishes each user's role in this information diffusion process. (Bootstrap, jQuery, D3.js) Available at: http://devas114.github.io/WeiboMap
- **Apr 2015 – Nov 2015:** Research assistant for project, "Establishment of a patent database of knowledge spaces in the US." I had built a database that included all patent information obtained from the US patent and trademark office. (Python, SQL)
- **Feb 2013 – Jun 2013:** Used agent-based modeling to analyze the information spread pattern in online social media and the interactions between different kinds of information. This project focused on the interaction between rumor and truth in a network. The result revealed a series of key characteristics that a node (user) can acquire for maximum rumor suppression. (VBA)
- **Mar 2013 – Jun 2013**: Examined relationships between electro-magnetic (EM) fields and Kentucky's brain cancer rate. This project used Kentucky as an example to research the growing belief on social media that EM fields can lead to various cancers, especially brain cancer, using many kinds of spatial and non-spatial methods for validation. No observable relationship between EM fields and cancer was found. (VBA)
- **Aug 2008 – Jan 2009**: Student assistant in Canada's Northern Forest Fire Detection Project, funded by the National Natural Science Foundation of China.

AREAS OF INTEREST

Front end development   Data visualization   Python   Social networks

EDUCATION

- State University of New York at Buffalo, School of Geography   Aug 2013 – Sept 2016
  MS in Geographic Information Science
  GPA: 3.8/4.0
- Nanjing University of Information Science & Technology, School of Remote Sensing   June 2008 – July 2012
  BS in Remote Sensing Science & Technology
  GPA: 3.6/4.0

HONORS, AWARDS, AND MEMBERSHIPS

- **2006 – 2007:** Third prize of fellowship
- **2007 – 2008:** Third prize of fellowship
- **2007 – 2008:** Excellent student award