

# Shimin Wang

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## EDUCATION

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**Carnegie Mellon University, School of Computer Science, Pittsburgh PA** **Dec.2016**

Master of Computational Data Science

- The program focuses on training professional Master's students in all aspects of design, engineering and deployment of very large information systems.
- Major in Analytics Track.

**Zhejiang University, College of Computer Science and Technology, Hangzhou, China** **July 2015**

Bachelor of Engineering

- **GPA:** 3.89/4.00 **Average Score:** 89.12/100 **Rank:** 8/185
- Member of the HeZhijun Honor class of College of Computer Science (One of 30 top Computer Science students)

**University of California, Davis, CA** **July 2014**

Global Study Program

- Exchange student of Global Study Program (Spring), end with GPA 4.0/4.0 for all 3 courses: Software Engineering(A+), Computer Architecture(A) and Computer Networks(A+)
- Worked under the supervision of Prof. Kwan-Liu Ma in the Visualization & Interface Design Innovation lab, and finished a paper on personal data visualization as the first author.

## EXPERIENCE

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**Internship in Epicouds(元数聚), a startup from Stanford University** **Dec.2014 - May.2015** **Hangzhou**

- Worked as both the frontend developer and UI Designer.
- I joined this startup as the second employee and helped them build up the frontend of the first two versions of their products based on AngularJS + gulp.

**Research work for visualizing the aftermath of volcanic eruptions** **May.2014** **Davis, CA**

- Helped collect historical flight data from flightstats.com during my stay in UC Davis VIDi group. These data were visualized to show the impact of volcanic ash on flight schedule, which won the SciVis 2014 Contest Honorable Mention.

**Development of three websites** **Sept.2013 - Feb.2014** **Hangzhou**

- Independently developed three websites for both front-end and back-end. They are an online management system ([www.guitarzju.com](http://www.guitarzju.com)) for the Guitar Association in my school, a business game for a business club and an online contest system for the College of Electrical Engineering in Zhejiang university.

**Building a simplified Computer System based on MIPS instruction set** **Oct.2012 - Nov.2013** **Hangzhou**

- Collaborated with three other students, we built a simplified computer system based on MIPS multicycle design on a FPGA board
- Wrote a simplified DOS-like operating system for it. A MIPS Virtual Machine on Android was also implemented for research purpose.

## SKILLS

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- **Programming**
  - JavaScript, C, Python, Java, C++, Mysql, PHP and Latex;
  - Rich experiences with frontend development;
  - Proficient: gulp + AngularJS, D3.js and Processing;
  - Rich experiences of data pre-processing and building web crawlers with Python.
- **Language**      English, Chinese(Native)

## PUBLICATION

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**Design and Effects of Personal Visualizations (As the First Author)** **July.2015**  
*Shimin Wang, Yuzuru Tanahashi, Nick Leaf and Kwan-Liu Ma.*  
*Computer Graphics and Applications, IEEE, 35(4), 82-93.*

## HONORS (Selected)

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- Outstanding undergraduate thesis in Zhejiang University **July.2015**
- Academic Star in the College of Computer Science, Zhejiang University **July.2015**
- SciVis 2014 Contest Honorable Mention (Together with other 5 members in UC Davis ViDi group) **Nov.2014**
- National Scholarships (Award students who ranks top 2%) **Oct.2012**
- First-class Scholarship for Outstanding Students (Award outstanding students who ranks top 3% in all aspects) **Oct.2012**
- Merit Student of Zhejiang University **Oct.2012**