

# Sophia Feng

Software Engineer at Pinterest

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## Summary

I majored in Computer Science with a minor in Human-Computer Interaction at Carnegie Mellon University. I am passionate about developing practical software solutions for technology that positively influence the individual as well as the community.

\*Please do not contact me asking for job referrals unless we have worked together before. Thank you for understanding!

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## Experience

### **Software Engineer at Pinterest**

April 2015 - Present (1 year 4 months)

### **Entrepreneurship for Computer Science Teaching Assistant at Carnegie Mellon University**

August 2014 - December 2014 (5 months)

### **Software Development Engineer Intern at Amazon**

June 2014 - August 2014 (3 months)

Took on the role of a software engineer intern in the Global Inventory Platform organization on the team responsible for new Vendor Flex program.

<http://www.npr.org/2013/10/28/240742832/moving-in-with-manufacturers-amazon-delivers-a-new-approach>

### **CAD Methodology/Software Intern at Samsung Electronics America**

May 2013 - August 2013 (4 months)

- Designed efficient version auditing and self-documenting system for maintaining design tools during invocations (Python)
- Created new features of file system call tracking to support accurate test case documentation (Python)
- Make improvements and created new features that are considered major improvements in CAD and are currently used by other teams including GPU and Verifications team at Samsung R&D
- Research portion of internship:
  - o Created python framework of all MIPS instructions, different architecture states, instructions fields
  - o Wrote MIPS-based, non-architecture specific assembler (Python) for assembling .s files into .o files
  - o Overall detailed understanding of MIPS architecture, general RISC/CISC instruction set architectures, and further understanding of computer systems

### **Undergraduate Researcher at Coral CoBot**

January 2012 - July 2012 (7 months)

- Developed and designed a sociable receptionist which functions as a robot to be placed in Gates Hillman Center for Computer Science as an interactive feature
- Gained knowledge/experience in working with Kinect SDK and Android SDK to develop robot's speech and movement recognition
- Applied human-computer interaction design through studying and improving robot's social abilities (speech/dialogue) to create a realistic receptionist
- Practiced time management and problem solving in creating efficient programs with limited time
- Communicated ideas in diverse group settings (undergraduates, graduates, professors)

### **Technician Intern at Alameda Family Funeral & Cremation**

June 2011 - August 2011 (3 months)

- Performed clerical work and file organization on the funeral home's computer system
- Communicated with clients and partner companies
- Assisted in organization and preparation during services

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## Education

### **Carnegie Mellon University**

Bachelor of Science (B.S.), Computer Science, Human-Computer Interactions, 2011 - 2014

Activities and Societies: Awareness of Roots in Chinese Culture, Woman@SCS, TartanHacks

### **Lynbrook High School**

High School Diploma, 2007 - 2011

Activities and Societies: Key Club, Speech and Debate, French Honor Society, Varsity Badminton

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## Languages

<b>Chinese</b>	(Native or bilingual proficiency)
<b>French</b>	(Limited working proficiency)
<b>Korean</b>	(Elementary proficiency)

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## Interests

New technologies, programming, public relations, UI/UX, digital photography, outdoors, computer music, bikram yoga, pilates, social media, food

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## 3 people have recommended Sophia

"I had the pleasure working directly with Sophia during her internship with us. She worked hard and smart, with great sense of creativity. Her tasks involved difference areas and she was able to learn fast and deliver her work quickly in high quality."

— **Jingyi Zhou**, *CAD Design/ High Performance Computing Methodology, Samsung Austin R&D Center*, worked directly with Sophia at Samsung Electronics America

"Sophia demonstrated great creativity and personal initiative during her internship with us. She worked very diligently, learned whatever she had to in order to complete each task successfully, and quickly delivered working code to our production flow. We gave her a mix of individual and team-based activities, and she demonstrated a commitment to excellence in all of these endeavors."

— **Geoffrey Furnish**, managed Sophia at Samsung Electronics America

"Sophia worked for us in the summer 2010. She was very professional and was a delight to work with. She followed instructions and completed all tasks thoroughly. We would rehire her given an opportunity."

— **Zoe Alameda**, managed Sophia at Alameda Family Funeral & Cremation

[Contact Sophia on LinkedIn](#)