

# elizabeth keller

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## EDUCATION

**Carnegie Mellon University**  
Bachelor of Science in Computer Science  
Minor in Physics  
May 2013

**上海外国语大学**  
Shanghai International Studies University  
Intensive Chinese Language  
Study Abroad Program  
May – July 2011

## RELEVANT COURSEWORK

Graph Theory  
Tech Startup Lab  
Distributed Systems  
Algorithm Design and Analysis  
Cross Platform Mobile Web Apps  
Parallel + Sequential Data Structures + Algorithms  
Mathematical Methods in Physics  
Quantum Physics

## PROJECTS

**Classroom Salon Mobile**  
(Javascript, JQuery, HTML, CSS)  
Designed and implemented a user interface compatible with mobile  
Implemented a voting system used for filtering important comments  
[www.classroomsalon.org/mobile](http://www.classroomsalon.org/mobile)  
Summer 2012

**Project Flow** (Javascript, HTML, CSS)  
Group project for Tech Startup Lab  
Project leader  
Designed site layout  
Co-created a flow-chart creation tool in HTML5  
Fall 2012 (in progress)

## EXPERIENCE

**Research Programmer, Carnegie Mellon**  
Created mobile site for Professor Gunawardena's project, Classroom Salon  
May – August 2012

**Activities Board, Films Chair**  
Projectionist for 35mm and DVD films  
August 2011 – present

**Research Assistant, Carnegie Mellon**  
Assisted in the production of Professor Meyer's pion detector for a physics experiment at Jefferson Labs  
November 2010 – May 2011

**Pennsylvania Junior Academy of Sciences Mentoring**  
Aided local middle schoolers with year-long science projects  
September – December- 2010

**Private Tutor**  
Tutored a high school sophomore in algebra and geometry  
May – August 2010

## SKILLS

**Computer Languages**  
Java, Python, Javascript, JQuery, SML, C, HTML5, CSS  
**Applications**  
Microsoft Office, Adobe Creative Suite  
**Operating Systems**  
Unix, Linux, Windows, MacOS  
**Human Languages**  
Advanced Chinese

