# Hailan [Hannah] Pang

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## EDUCATION

**Massachusetts Institute of Technology**                     **Cambridge, MA**
B.S. in Electrical Engineering and Computer Science; B.A. in Writing                     *2012 - 2016*
*Relevant Courses*: Advanced Data Structures, Engineering Innovation and Design (Gordon Engineering Leadership); *GPA: 4.2*

**University City High School**                     **San Diego, CA**
Valedictorian, class of size 400*; SAT: 2370; GPA: 4.0/4.0*                     *2008 - 2012*

## EXPERIENCE

**MIT Computer Science and Artificial Intelligence Laboratory  (CSAIL)**                     **Cambridge, MA**
*Software Engineer, Undergraduate Research in Computer Assisted Programming Group*                     *Sep '14 – present*
- Contribute to developing tools for using computing power to tackle challenging data structure and programming problems, including using Java and ANTLR to build on adding to new language for computation abilities

**MIT News, Edgerton Center**                     **Cambridge, MA**
*Journalist, Student Staff Writer*                     *Jan '13 – present*
- Research, interview and write for online journals on Edgerton Center programs, clubs, and team developments

**Goldman Sachs**                     **New York, NY**
*Summer Analyst, Software Engineer*                     *May – Aug 2014*
- Implemented project to leverage DB2 database for creation of web data visualization of financial information barriers for sales and trading personnel, to build efficient communication platform
- Used Hibernate and RESTful services to access database, and utilized Java, SQL, Spring, and other technical frameworks

**MIT HyperStudio**                     **Cambridge, MA**
*Software Engineer, Undergraduate Research in Computer Assisted Programming Group*                     *Jan – May 2014*
- Utilized Python and JavaScript to design digital humanities-oriented projects
- Solidified backend data and frontend presentation for ArtX, a digital application for improving the discovery of art and music events in the local area

**MIT Media Lab**                     **Cambridge, MA**
*Software Engineer, Undergraduate Research in Lifelong Kindergarten Lab*                     *Jan – May 2013*
- Implemented Java and helped write new language DressCode for aiding computational design
- Created patterns for fashion design and explored improvements in social communication with technology

**Pontifical Catholic University of Chile**                     **Santiago, Chile**
*Android Developer, Center of Computation and Engineering*                     *Jun – Aug 2013*
- Used Java in Android-platform for tablet application to digitalize and reinvent literary education
- Collaborated cross-culturally and learned Latin American ways to design digital solutions

## LEADERSHIP & ACTIVITIES

**Gordon-MIT Engineering Leadership Program (GEL)** *Participant in leadership program*                     *Sep '13-present*

**Society of Women Engineers** *Corporate Relations Chair*                     *Feb '13-present*
- Organize events with companies and SWE, including the fall career fair banquet and tech talks
- Previously External Relations Chair

**Women Business Leaders** *VP of Internal Relations*                     *Jan '13-present*
- Plan campus outreach for business and finance opportunities with companies and organizations

**Undergraduate Association** *Public Relations Committee*                     *Oct '12-Jun '13*
- Improved connections in the student body; publicize social events for all students

## ADDITIONAL INFORMATION

- **Interests:** Creative writing, women in STEM, running, open mics, biking, portraiture, art and art museums
- **Awards:** National Center for Women and Information Technology (NCWIT) Award (2012)
  National Council of English Teachers essay competition national winner (2012)

## SKILLS

- **Applications and Languages***:* Java, Python, JSF, Perl, Processing, JavaScript, HTML/CSS, Hibernate, Spring, RESTful services, LaTeX, MySQL, Adobe InDesign, Adobe Illustrator
- **Languages:** Proficient in Spanish and Chinese (Mandarin)