

KATHY LI

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🖥 <http://kathyli.me>



EDUCATION

Rice University
2012 – 2016
(expected)

B.A. Computer Science

Houston, TX

Relevant Courses: Computational Thinking, Intro to Computer Engineering, Computer Systems, Parallel Programming, Probability and Statistics, Advanced OOP, Design/Analysis of Algorithms, Human Factors. Fall 2015: Compilers, Functional Programming, Mobile Engineering

University of
Edinburgh
Spring 2015

Study abroad, School of Informatics

Edinburgh, Scotland, UK

Relevant Courses: Computer Communications and Networks, Software Testing
Societies: Edinburgh Hoppers (women in computing), CompSoc



EXPERIENCE

Flipboard
Summer 2015

Software Engineering Intern, DevOps

Palo Alto, CA

Automated frequent engineering tasks via “chat ops”—built on Github’s open source chat bot to integrate status checks, server restarts, deployments, and authentication into Hipchat. Optimized social feed crawler. Used Docker, CoffeeScript, Bash, Redis, HBase, Java.

Palo Alto Networks
Summer 2014

Software Engineering Intern, URL Filtering Team

Santa Clara, CA

Designed and implemented internal portal for machine learning-based web classifier. Created tool to track customers’ change requests, monitored requests and generated notifications in cron jobs. Used Java, HTML/CSS, JavaScript, JSP, MongoDB, MySQL.

Rice Dept. of
Computer Science
Fall 2013

Teaching Assistant for Computational Thinking (COMP 140)

Houston, TX

Assisted students with class projects, problem-solving, and Python in office hours. Moderated class discussion forums online and answered questions, graded homework and exams.

JDS Uniphase Corp.
Summer 2013

Software Development Intern

Milpitas, CA

Made a web tool to enter and query hardware test data, organized past unstructured data. Trained CCOP (Communications and Commercial Optical Products) Transmission Reliability Team to use new SharePoint website for data management and analysis.

Rice CS Club, CSters
(Women in CS)
2012 – 2015

Social Chair (CS Club), Class Rep & former Treasurer (CSters)

Houston, TX

Prepared algorithm challenges, study breaks, tech talks. Worked with CS department and sponsors to host annual hackathon. Organized company visits and career talks for girls. In charge of club website (csclub.rice.edu) based on Twitter Bootstrap and deployed on Google App Engine. Uses HTML, CSS, JSON.



ACTIVITIES & HONORS

AutomaCon
Square, Inc.

Infrastructure as Code Conference: Scholarship Recipient

Sept 2015

KPCB

College Code Camp

Aug 2015

NMSC

Engineering Fellow: <http://kpcbfellows.com/meet-the-fellows>

Summer 2015

The College Board

National Merit Scholarship Recipient

2012 – Present

The Epic Newspaper

National AP Scholar

2012

Business Manager, Writer, Designer

2010 – 2012



ADDITIONAL INFORMATION

Technical Skills

Proficient – Java, Python, CoffeeScript, Docker, Unix, Git, SVN, InDesign.

Prior experience – Swift, C, Bash, HTML, CSS, JavaScript, Rails, JUnit, Photoshop.

Interests & Hobbies

HCI, ops & infrastructure, visual arts & design, typography, dance, hiking