

SARAH LIM

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EDUCATION

Northwestern University 2018
B.A. Computer Science GPA: 3.91 / 4.0

ACTIVITIES

Women in Computing, Debate Society, Kaplan Humanities Scholars

UPPER-LEVEL COURSEWORK

Design, Technology, and Research
Human Computer Interaction
Machine Learning
Intro to Artificial Intelligence
Social Psychology
Probabilistic Graphical Models
Intro to Theory of Computation

AWARDS & HONORS

Google GHC Travel Sponsorship 2016
SC16 Experiencing HPC for Undergraduates Program 2016
The Alumnae of Northwestern STEM Scholarship 2016
Quip Engineering Diversity Scholarship Runner-up 2016
Lime Connect Fellowship 2016
Google Lime Scholarship 2016
Undergraduate Research Grant 2016
Milton S. Florsheim & John B. Kirk Award for Excellence in Debate 2015

WORK EXPERIENCE

UI Engineering Intern Summer 2016
LinkedIn Sunnyvale, CA

- Working in Ember.js, Sass, and Handlebars to implement SVG data visualization and charting capabilities for LinkedIn enterprise products

Undergraduate Researcher Jan 2015 — Present
Delta Lab Northwestern University

- Researching methods of integrating professional source code as “worked examples” for self-taught programming students.
- Developing Node.js interface to Chrome Remote Debugging Protocol, designing and conducting user studies, writing papers

Teaching Assistant Sep 2015 — Present
EECS Department Northwestern University

- Planning and teaching recitations and review sessions
- Creating assignments, assessments, and teaching practices as a Head TA for the largest EECS course at Northwestern
- EECS 111: Fundamentals of Computer Programming I (Fall 2015, Winter 2016, Fall 2016), EECS 214: Data Structures (Spring 2016)

Design Intern Sep 2014 — Jun 2015
Common Cause Illinois Chicago, IL

- Produced mockups and final designs of publicity materials for print and web, working on the Chicago for Net Neutrality and Fair Elections Illinois campaigns

Research Assistant Sep 2013 — Jun 2014
Early Childhood Cognition Lab University of Washington

- Worked with Jessica Sommerville and Alia Martin, coding and analyzing behavioral data regarding the development of fairness perceptions and prosocial behaviors in infancy

PROJECTS

Ply — JavaScript, Node.js, Chrome Developer Tools, Immutable.js

- Scaffolding web inspector designed to facilitate end-user feature inspection by highlighting relevant properties, determined based on existing web tutorials

Predicting the popularity of user-generated discussion questions — Python

- Data collection program to retrieve and preprocess data using the Reddit API and NLTK

Scout — JavaScript, Meteor, React, MongoDB

- Web application for administration and crowdsourcing of real-time competition results
- Deployed at the 2016 National Debate Tournament.

Commentator — JavaScript, Google Apps Script

- Google Apps Script backend for collecting and automatically publishing instructor feedback to student sites
- Deployed at the 2015 and 2016 Northwestern Debate Institute

SKILLS

Languages (Experienced):
Python, JavaScript/ES6, HTML5, CSS3

Languages (Familiar):
Racket, C#, C++, C

Software:
Photoshop, Illustrator, Google Apps Script

PROFILES

 sarahlim

 sarahclim

 soylentqueen

 soylentqueen