

Pooja Sethi

(425)-780-7384

poojasethi.github.io

EDUCATION

University of Washington, Seattle, WA
GPA: 3.82, Honors Program, CSE Direct Admit

September 2013 – June 2017
B.S. in Computer Engineering

INDUSTRY EXPERIENCE

Google, Software Engineer Intern *Mountain View, CA* *June 2016 – Sep. 2016*

- Payments Accounting team, engineering behind the Google Finance team.
- Building a tool for visualizing accounting impact of source events such as payments, invoices, etc. (Java, AngularJS)

Microsoft, Software Engineer Intern *Bellevue, WA* *Jan. 2016 – March 2016*

- Bing Ranking Service team, computes rank of web pages for optimally ordering Bing search results
- Built a DLL, a dynamically linked library, to support rapid feature development and iteration in production beds (C++)
- Features are inputs to machine learning models that are used to compute the relevance of a web page.

Google, Software Engineer Intern *Kirkland, WA* *Sep. 2015 – Dec. 2015*

- Tools and Infrastructure team for Spanner, Google's globally distributed database that supports Ads.
 - Designed and developed a random schema generator to complete Spanner's end-to-end integration testing framework (C++).
- Complements random query generator used to identify bugs in Spanner.
- Created an API that allows reuse of schema generator across multiple Google storage teams such as Dremel and F1.

Facebook, Software Engineer Intern *Menlo Park, CA* *June 2015 – Sep 2015*

- Messenger Payments team, full-stack Android development
- Built Group Sends feature for sending payments to your friends in a group conversation. Finished project ahead of schedule, and also built framework for a native risk verification flow to replace mobile site.
- Awarded scholarship to attend 2016 F8 Developer Conference in San Francisco.

RESEARCH EXPERIENCE

Allen Institute for Artificial Intelligence (AI2) *March 2016 – June 2016*

- Developing a machine learning model for learning perturbations of fourth grade science questions. A perturbation is a slight modification of a question that drills into whether a student actually understood the concept being tested or not.
- Building a classifier to identify question types and rate questions on difficulty (Python)

University of Washington ICTD Lab *April 2014 – June 2015*

- Developed Respeak, an Android app that uses crowd-sourcing and Automatic Speech Recognition to efficiently transcribe audio files into text. Resepak was deployed for a field trial in India in summer 2015. Advised by Aditya Vashistha and Richard Anderson.
- Invited to give talks on research at CSE Change Seminar and UW Undergraduate Research Symposium (Honors Panel)

ACTIVITIES

- **ACM-W Vice Chair:** Vice-chair for undergrad ACM women's chapter *Starting Sep. 2016*
- **Read Copy Update:** Started undergrad computer science paper reading group *Sep. 2015 – June 2016*
- **ACM Internal Relations Officer:** Liaison between students and faculty and coordinated events *Sep. 2014 – June 2015*
- **CSE 143 TA:** Taught section for introductory Java programming class covering recursion, binary trees, etc. *Sep. 2014 – Dec. 2015*

AWARDS

Society of Women Engineers Outstanding Female Departmental Award * UW CSE Grace Hopper Scholarship * TUNE House Scholarship * NASA Space Grant Scholar * Mary Gates Scholar * Martin Family Foundation Scholar * UW Honors Program Scholarship * IEEE Eta Kappa Nu Honor Society * Granite Falls High School Valedictorian * National Merit Commended Student