Evy Kassirer

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Work Experience

Google *May-August 2015*
Engineering Practicum Intern

- Designed and implemented an encompassing solution for a new interactivity feature in YouTube Kids
- Contributed front end functionality for the feature to an international team's codebase
- Researched with the UX team and prototyped on Android and in CoffeeScript

Google *May-August 2014*
Engineering Practicum Intern

- Implemented touch accessibility for Chromebooks, creating software for blind and low-vision users
- Contributed over 15 changes in C++ to the Chromium codebase: http://goo.gl/10omcY

Tutor *2012-2015*

- Privately tutored a grade six math student and several Waterloo Math/CS students
- Assessed student needs and developed appropriate lesson material, such as using educational computer games and creating multiplication flash cards, which improved student performance

Education

University of Waterloo · Bachelor of Computer Science, Honours · 2013-2018 · 94.53% average

- **Object-Oriented Software Development**: Bash · Pattern Matching · C++ · Design Patterns
- **Data Structures & Data Management**: Algorithm Analysis · Queues · Trees · Sorts · Hashing · Dictionaries · String Matching · Compression
- **Foundations of Sequential Programs**: MIPS Assembly · Lexing · Parsing · Code Generation
- **Computer Organization & Design**: Logic Gates · Finite State Machines · Multicycle datapaths · Pipelining · Memory Hierarchies

Projects

WhatPrivilege Django, Skeleton, jQuery *February 2015-present*

- Implemented http://whatprivilege.me, helped 1000+ users identify obstacles & benefits in their lives

Personal Website GoogleAppEngine, webapp2, HTML, Python *December 2013-present*

- Started from a web development course on Udacity and implemented: HTTP Requests · GSQL · Form Handling · Cookie Hashing · Password Hashing · APIs · Scaling · Caching

Activities and Volunteer Experience

Chair, Waterloo Women in Computer Science Undergrad Committee *September 2014 - present*

- Supports and recognizes a community of women in technology through weekly events including workshops, mentorship opportunities, tech talks, and social events
- Committed 10 hours/week in Winter 2015 term, chairing meetings, organizing tasks and events, and managing a committee of 11 people

Student, Square Code Camp *August 2015*

- Selected as one of 20 women from Canada & US to attend a 5-day leadership and technology program
- Participated in technical workshops on design, iOS, hardware, security, and machine learning

Awards and Scholarships

- **2nd Place** at Piazza Hackathon - Lecture Playback app for Android *August 2015*
- **University of Waterloo Dean's Honours List** *Fall 2013-Winter 2015*
- **WATCOM Scholarship in Computer Science** *Fall 2014*
  Awarded to a student entering second year with a strong academic record
- **Top 25% Distinction on 7 UWaterloo Centre for Mathematics and Computing contests**