

# Professional and Research Experience

Summer 2016	<b>Microsoft Research – <i>Research Intern</i></b> With Danyel Fisher. I developed and user tested a UI for an approximate query processing system.	Redmond
Summer 2015	<b>Google Research – <i>Research Intern</i></b> Intern in the Structured Data Team with Sudip Roy, Alon Halevy, Alkis Polyzotis, Natasha Noy, Xiao Yu, and Chris Olston. I improved the user experience of an internal search engine, worked with the knowledge graph team, and designed on a summarization algorithm for search results. [UX, algorithm design, large scale systems, JavaScript, C++]	Mountain View
Summer 2014	<b>Google – <i>Software Engineering Intern</i></b> Developed new algorithms to support complex queries in large scale production monitoring system. [Algorithm design, large scale software development, profiling, C++]	New York City
2012-2013	<b>Open Knowledge Foundation – <i>Intern and Developer</i></b> Two-month summer internship and subsequent one-year involvement in development and training for CKAN, the most deployed open data portal in the world. [Distributed teams, agile development, large legacy systems, Python, JavaScript]	London and Berlin
2012-2013	<b>Hasso Plattner Institute – <i>Bachelor's Project</i></b> In a team of four students developed a tool to visualize software evolution with 3D Voronoi Treemaps. I focused on the theory and implementation of layout algorithms. [Legacy code, visualization, complex algorithms, C++]	Potsdam
2012-2013	<b>University of Potsdam – <i>Research Assistant</i></b> Worked on theory and implementation of an extension of the Clasp Answer Set Programming solver for pseudo-boolean constraints. In Knowledge Representation and Reasoning Group with Torsten Schaub. [Research, benchmarking, logic programs, C++]	Potsdam
2012	<b>Google Summer of Code</b> Extend Open Data platform for information about people. [Open source development, JavaScript]	Internet

# Teaching Experience

Spring 2015	<b>Teaching Assistant, CSE 512 Data Visualization</b> Prepared discussions, graded assignments, held office hours, visualization tools and D3 tutorial.	University of Washington
Winter 2014	<b>SQL Workshop</b> One day workshop on SQL for scientists at the University of Washington.	UW eScience Institute
Spring 2012	<b>Teaching Assistant, VHDL</b> Prepared course material for class on VHSIC Hardware Description Language.	Hasso Plattner Institute