

# Scott Opell

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## EMPLOYMENT

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### Isilon

**Software Engineering Intern** · May 2015 to Aug 2015 · Seattle

Researched and prototyped Access Control List support for Isilon's implementation of the Hadoop Distributed File System (HDFS) network protocol. In this process, I helped drive design of our internal testing framework introducing new design patterns and decreasing test verbosity.

### Bloomberg LP

**Software Engineering Intern** · Jan 2015 to May 2015 · New York City

Developed an application for Bloomberg Terminal users to manipulate and share proportional charts. I helped maintain various other projects including an internal development framework designed to allow data driven transactional global state management.

### Purdue University

**Undergraduate Lecturer for CS190** · Aug 2013 to Dec 2014

Coordinated and taught a course of over 300 freshmen. I created labs, lectures, and coordinated 15 TAs in order to ensure that the labs ran smoothly.

### Purdue University

**CS Help Room Coordinator and Tutor** · Fall 2013 to Spring 2014

Organized a help room for students enrolled in entry level Java (CS180) and C (CS240) courses. I also tutored for this help room and coordinated with the relevant teaching staff in each course to provide feedback on assignments and sources of confusion that students had.

### Qualcomm

**QCT Software Development Intern** · May 2014 to Aug 2014 · San Diego

Created a web application used extensively by managers to show a team's progress to higher-ups. I was also hand-picked to join a 5 person team working on a mobile recruiting application to target students at Purdue University.

### Foxio

**Software Developer** · May 2013 to Oct 2013 · Indianapolis

Worked on various projects ranging from an e-commerce Ruby on Rails application to new wordpress plugins.

### Axia Technology Partners, LLC

**Software Development Intern** · Summer 2011 to Spring 2012 · Indianapolis

Developed a real-time monitor for clients network status. I also expanded Axia's product offerings by adding in automated support for new phone manufacturers.

## EDUCATION

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### Purdue University

Bachelor of Science (B.S.) Computer Science 2016

GPA - 3.65

## SKILLS

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C, C++, Ruby [on Rails], Javascript, PHP, Java, Linux, Python

## PROJECTS

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### Clock

Pebble application to make it easier to collaborate on multiple choice exams with your classmates.

### Bendr

Web application to automatically create music mashups. Used client-side javascript to dynamically strip out vocals from tracks and play them simultaneously.

### Xtext Vim Support

Adds functionality to Xtext which allows users to generate vim plugins for their Domain Specific Language. The generated plugin enables syntax highlighting, code completion, code formatting, and error checking.