Caitlin Johnson

work experience:

WibiData
Sept 2013 - Feb 2015

Software Engineer

- Wrote the core machine learning model logic for an e-commerce customer's recommendation engine, which ran with live traffic through the 2014 holiday shopping season. Worked with a data scientist to iterate and refine the model throughout the season based on ongoing performance data.
- Built a system to deploy, keep running, and update long-running processes on top of Hadoop YARN, to be used by WibiData field engineers. Ensured that it was robust against single processes going down and implemented a system for rolling configuration updates for processes with zero downtime.
- Worked on WibiData's open source framework, Kiji - fixed bugs, built features, and improved testing for components, especially Kiji Express (data analysis using Scalding).

ModCloth
Nov 2011 - Aug 2013

Software Engineer

- Implemented new features for ModCloth's Style Gallery. Worked on the full stack (Ruby on Rails, Backbone.js & jQuery, Sass & Compass), with a focus on the frontend. Built features that worked across devices, from phones and tablets to desktop browsers.

Test Engineer

- Did manual and automated testing, as well as bug fixes, for the ModCloth.com mobile website, the iOS app, and other parts of the website as needed.
- Evaluated and used different testing frameworks; created and implemented manual and automated testing plans; trained manual testers to code automated test cases.

Google
June 2009 - Aug 2011

Software Engineer in Test

- Designed and began implementation for a new bug tracking tool for internal use at Google, using JavaScript, CSS, and Java. Met with members of various teams at Google and helped to determine the most important features to implement.
- Worked on a framework that provisioned operating system/browser combinations to Google developers for testing. Focused on improving the framework's logging in order to track growth and usage of our system.
- Primary test engineer on the mobile search team. Created an automated integration framework to compare data from the search backend to expected data on the mobile side.

education:

Carnegie Mellon University
graduated May 2009

Bachelor of Science, Computer Science

Minor in Mathematics

non-work:

In my free time, I like to run around the dog park with my corgi pup Tumbles, bake tasty desserts, and take ballet and yoga classes.