Conner R. Simmering

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🐙 https://github.com/simmeringc

Education 📖

University of Colorado Boulder **Boulder, CO**
Computer Science, Software Engineering *2013-2017*

o Pursuing a Bachelor of Science in Computer Science with an emphasis on software engineering

Experience ⚙

University of Colorado Boulder **Boulder, CO**
Undergraduate Research Assistant *Fall 2015 - Present*
Worked with ReactJS, MeteorJS, MDL-CSS, Gulp, RethinkDB

o Conducted research on web based survey technology and college faculty course questionnaires.
o Designed and implemented a small amount of the front end for a team that's developing a web application that surveys students and rates classes and professors during the semester. -ReactJS, MDL, RethinkDB
o Currently developing an observation tool for tracking student participation patterns with MeteorJS

TouchSource Directory Solutions **Lafeyette, CO**
Software Development Intern *Summer 2015*
Worked with Grails, SQL, Java, Groovy, HTML, CSS, Selenium, Subversion

o Developed a multiple page customer sign up form with Grails, HTML, CSS, Java, and SQL
o Helped develop an admin utility for changing customer SQL trees to different property and product owners.
o Modified the Grails dynamic scaffolding to optimize web page population for pages with large property lists
o Implemented error validation on customer facing pages and routed errors to TouchSource support.

University of Colorado Boulder **Boulder, CO**
Multi-Course Learning Assistant *Summer 2015*
Guided CS students through Summer coursework

o Held office hours for a variety of Summer CS classes (10 hours/week)
o Special instruction in markdown tools and version control suits, primarily LaTeX and Git

University of Colorado Boulder **Boulder, CO**
Intro to Computer Science Learning Assistant *Spring 2015*
Guided Beginner CS students through homework and labs

o Held office hours for more than 300 CS Students (10 hours/week)
o Special instruction in basic Linux topics and text editor tools

Projects 💡

University Research Projects - Students for Instructional Improvement (SFII) - Open Source 🐙
o Github organization: https://github.com/SFII
o ReactJS sample, reading an API - https://github.com/simmeringc/ReactJS-survey-card-mockup
o In progress: MeteorJS based student observation tool: https://github.com/SFII/equip
Arduino Robot - Sparkeep - Open Source 🐙, 1 ⊞, 2 ⊞
o Created a drink delivery robot with the Sparki Arduino and its sensors, developed with a team of 5
o Wrote localization, path finding, and odometry code in C
Personal Website - http://simmeringc.com - Open Source 🐙
o Built a single page portfolio website with HTML/CSS/JavaScript
Chrome Extension - RateMyBuffs - Open Source 🐙
o Helps CU students pick classes by injecting publicly accessible course ratings into CU course registration pages
o Developed the JavaScript for displaying our extracted JSON data and developed the extension manifests
o Written with two friends, deployed and presented in 38 hours, Awarded - <Hack CU 2015>

Awards 🏆

2nd Place, Top 5 Overall: <Hack CU 2015> - University of Colorado Boulder Hackathon *Spring 2015*