

# Devin Brown

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## Overview

A **pragmatic programmer** with a variety of development experience and understanding. An incredibly diverse technical background ranging from Prolog to Slim and CoffeeScript. **Strong communication** and **interpersonal skills** allowing for seamless integration with team based development. A desire to **creatively solve problems** with **elegance and efficiency**.

## Technical Proficiencies

Primarily based around a full **Rails Stack**. Core technologies include: **Ruby, Rails, HTML, HAML, Slim, CSS, Sass**, the **Twitter Bootstrap Framework, JavaScript, CoffeeScript, Git, Vim, Nagios, OpenLayers**, and **MYSQL**. Other, more limited experience includes: **jQuery, Java, Android Development, Sinatra, C, C++, and OpenMP**, along with a handful of other random languages and frameworks.

## Technical Proficiencies

### NCAR – Software Engineer I

October 2012 - Present

Officially responsible for overhauling an aging web interface that acts as the first contact for thousands of scientists and researchers within NCAR, NOAA, NASA, and over one-hundred other research institutions. Ground up construction of a mobile web-interface port for browsing satellite imagery, KMLs, *OpenLayers* maps and project flight tracking. Consistent delivery of project-wide refactors, debugging, and other functional enhancements.

### NCAR – Student Assistant

August 2012 – October 2012

My position as a Student Assistant was similar in nature to my position as an intern, however I began undertaking additional responsibilities as a developer, quickly coming up to speed with production-ready development practices. This includes intensive version control integration (**Git**), **Rails best practices** and **Agile development methodologies**.

### NCAR – S.U.P.E.R. Intern

May 2012 – August 2012

A guided internship for emerging engineers that has an emphasis on establishing real world development standards. This internship program has a strong history of developing highly desirable software for use with large scale field campaigns. Directly responsible for rapidly developing a high quality automated monitoring system for field project research data and related support systems (**Nagios** based).

### MSUD: Student Government – Director of Technology

October 2010 – May 2012

Nerding out while reinventing the technological paradigm on campus through student based initiatives, software development, and hardware maintenance. This position offered me a fantastic opportunity to produce, design, and solicit feedback on behalf of the students of MSUD.

### MSUD: Tutoring Center – Certified Tutor

May 2012 – August 2012

This job involved heavy usage of whiteboards, strings, and for loops. A position that requires a strong ability to communicate and teach effectively. This position was a fantastic experience for reinforcing key Computer Science fundamentals, but also acted as a powerful tool for enhancing my interpersonal and explanatory abilities.

## Education

### Metropolitan State University of Denver – CS

August 2008 – December 2012

Concentrated background in **Computer Science** and **Mathematics**. Foundational knowledge about data structures, pointer arithmetic, algorithmic efficiency, bubble sort and for-loops. Capstone courses included team based development of *real world* software projects using the **Agile / Scrum XP** development methodologies.

