


ANDREW RUTHERFORD

andyrutherford.com 

+1 760 6879620 

andrew.rutherford.6@gmail.com 

andrewrutherford06 



OBJECTIVE

Start my professional career in front-end software development with a company where my education and acquired skills can be utilized to their best to improve the company's overall performance.



EDUCATION

Bachelor's Degree, Computer Science | University of Colorado Boulder

JANUARY 2013 – JANUARY 2017

- Courses taken include computer systems, data and discrete structures, algorithms, software development methods and tools, user centered design, databases, robotics, graphics, and Linux system administration.

- GPA: 3.1/4.0

Associate of Applied Science | Community College of the Air Force

JANUARY 2008 – MAY 2010

- Course taken include avionics systems calibration, maintenance data collection, aircraft ground servicing, mechanical principles theory and application, communication and Doppler radar theory.

High School | Lewis-Palmer High School

AUGUST 2003 – MAY 2007

- Academic focus on computer programming, web design, and math.



EXPERIENCE

Teaching Assistant for CSCI 2400 (Comp. Systems) | Univ. of Colorado Boulder

JANUARY 2016 – MAY 2016

- Worked with students under instructor guidance on topics ranging from computer architecture, binary representations and arithmetic, assembly language (x86), caching, and performance optimization.

- Scheduled and oversaw additional lectures on a weekly basis, allowing students to revisit and reinforce their understanding of difficult topics.

- Graded students on submitted programming labs by holding grading interviews.

Teaching Assistant for CSCI 1300 (Comp. Science 1) | Univ. of Colorado Boulder

AUGUST 2015 – DECEMBER 2015

- Worked with students under instructor guidance on topics ranging from programming variables, data types, control structures, file operations, functions, objects, and pointers.
- Graded student submissions of programming labs and exams against a rubric including correctness of syntax, proper use of data structures, and inclusion of code comments.

Integrated Avionics Systems Technician | United States Air Force

DECEMBER 2007 – MAY 2012

- Isolated malfunctions in systems such as radar instruments, flight displays and controls, navigation, and satellite communications.
- Debugged and troubleshoot faulty embedded avionics system software.
- Used technical data to trace wiring diagrams and signal data flow to troubleshoot avionics equipment.

Web Developer Intern | City of Monument, Colorado

NOVEMBER 2006 – MAY 2007

- Created and deployed a redesigned town hall website using mainly HTML and CSS.
- Responded to customer technical issues through online ticketing system.



SKILLS

- HTML5, CSS3, Javascript, jQuery
- Sass, Node.js, React JS, Bootstrap
- Agile software development
- Native English speaker, basic knowledge of Spanish
- Great communication and inter-personal skills
- Self-motivated, and flexible in working environments



INTERESTS

My personal interests span a multitude of activities including photography, basketball, and snowboarding. I have had a lifelong passion for traveling, experiencing new cultures, trying new foods, and meeting new people. From February 2017 to January 2018, I took a gap year and traveled across parts of Australia, Asia, and Europe.