

Alex Richards | Web Developer

Denver, CO

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INTRODUCTION

I am a developer passionate about solving problems programmatically and building user-friendly web apps. With over a year of web development experience I have built several production quality projects, including one being used by 107 weekly users. In addition to my tech skills, I have over five years of business development experience that have taught me how to work well within a team, communicate clearly, and understand business goals in the context of a project.

TECHNICAL SKILLS

Frontend: React, Redux, JavaScript (incl. ES6), HTML5, CSS3, JQuery, Bootstrap, SASS, Responsive Design

Backend: nodejs, Express, SQL, MongoDB, Mongoose, Python, Firebase, RESTful APIs

Dev Tools: npm, AWS, Bash, Git CLI, Heroku, Chrome DevTools

PROJECTS

Quick Stats

Extension for Chrome – Tech: JavaScript, Python, Node.js, popper.js, Tippy.js, JQuery

A simple, lightweight extension that identifies all NBA players on a page and displays their stats in a simple box on hover

- Uses a hash map to search players names against serialized DOM content in $O(1)$ / constant time
- Frontend: popper.js and tooltip.js (bootstrap) insert simple tooltip box with stats
- Backend: Python script collects data daily. Node.js server formats and hosts data; client makes daily XHR

Blackjack

Basic Blackjack Simulator – Tech: JavaScript, HTML, CSS

- Reproduction of classic casino game complete with betting

PROFESSIONAL EXPERIENCE

Infrastructure Engineers, Inc.

Denver, CO

Technical Proposal Coordinator

2017 – Present

- Design and produce professional quality business proposals for 2 - 4 concurrent engineering projects working closely with a team of 6
- Coordinate meetings, schedules, program activities, marketing efforts, and external communications for dispersed team comprised of 60+ engineers and 100+ support staff across 18 national offices

Optimal Solutions and Technologies, Inc.

Washington, DC

Business Development Analyst

2014 – 2016

- Wrote/developed 100+ business proposals for software development/engineering projects; wrote significant portions regarding SDLC, covering topics like Agile, requirements gathering, and testing
- Interviewed subject area experts in engineering, software development, and aviation; synthesized complex technical content into clear and concise written products for non-experts
- Practiced centralized version control of large documents worked on by multiple people at one time

EDUCATION

University of Massachusetts—Amherst

Amherst, MA

- Bachelor of Arts, *cum laude*, Political Science
- *Study abroad:* University of Menendez-Pelayo, Seville, Spain

May 2012

ACTIVITIES AND HOBBIES

Hiking • Tennis • Strategy Board Games • Cooking • Music • Traveling