

# Zachery Tillotson

ZacheryTillotson@gmail.com  
720-432-5123

## Professional Experience

**Position:** Senior Software Engineer      **Company Name:** Aetna Inc      Jul. 2017 – Present

### Responsibilities

- ❖ Front end engineer developing next generation web application for insurance customers.
- ❖ Created JavaScript front end components using React, Redux, and associated technologies.
- ❖ Founded and promoted weekly training sessions for front-end engineers. Coordinated schedule, encouraged developers to give talks, promoted topics, gave presentations.
- ❖ Promoted development best practices via pull reviews and personal interactions.
- ❖ One of the primary developers of site redesign, implemented “run way” tasks to empower other developers.
- ❖ Managed Webpack code bundle configurations and build process in all environments.

**Position:** Web Developer      **Company Name:** Self Employed      Aug. 2011-Present

### Responsibilities

- ❖ Designed, coded, and maintained many websites, both from scratch and customizing popular frameworks such as Wordpress.
- ❖ DiskDraft.com – Sports league draft application
- ❖ ZacheryTillotson.com – Personal website with links to other work.

**Position:** Senior Software Engineer      **Company Name:** Healthgrades, Inc      Mar. 2015 – July 2017

### Responsibilities

- ❖ Front end engineer on large, public facing website seeing over 1,000,000 daily unique visitors.
- ❖ Served as front end chapter lead - evangelized best practices, coordinating the cross group development process, and on-boarding new developers.
- ❖ Wrote JavaScript front end components using React and Redux. Leader of company-wide push to migrate to Redux.
- ❖ Administered Git repositories, overseeing branch strategy implementation and assisting developers as needed.
- ❖ Started and drove company-wide weekly training sessions on front end topics. Coordinated schedule, encouraged developers to give talks, promoted topics, gave presentations.
- ❖ Created stand-alone front end development environment to optimize component creation.
- ❖ Managed Webpack code bundle configurations in all environments.
- ❖ Integrated with legacy C# Asp.Net backend application. Worked in conjunction with backend developers to integrate API layer with the server and client applications.

**Position:** Senior Software Engineer      **Company Name:** Echostar Corporation      Aug. 2012 – Mar. 2015

### Responsibilities

- ❖ Developed website targeted to Dish Network customers seeing over 75,000 daily unique visitors.
- ❖ Wrote single-page application design web front-end. Technologies include Coffeescript, Backbone, Marionette, and Handlebars.
- ❖ Transitioned legacy site to pure back-end API written using Ruby on Rails, MySQL, and Elasticsearch driving web and native phone applications.
- ❖ Monitored and massaged high volume content ingesting scripts.
- ❖ Developed ActionScript and HTML5 video players through secure authentication service.
- ❖ Integrated front-end with several external services allowing user control of home set-top boxes.

**Position:** Software Engineer      **Company Name:** Labjack Corporation      Dec. 2011-Aug. 2012

### Responsibilities

- ❖ Developed and supported line of physical world interface devices.
- ❖ Designed and wrote new client interface application in C++ and Qt using the QWT graphical library

**Position:** Software Engineer      **Company Name:** Tyler Technologies      Mar. 2010-Aug. 2011

### Responsibilities

- ❖ Developed enterprise level local government tax and assessment applications in Java.
- ❖ Communicated directly with clients and with support technicians to resolve technical issues
- ❖ Active in and promoted company-wide extracurricular activities

**Position:** Software Engineer      **Company Name:** Sun Microsystems      Nov. 2007-Mar. 2010

- ❖ Member of internal business intelligence operations group
- ❖ Created business intelligence web portal serving salesmen, product managers, and company management using Java EE and HTML pages with Ajax functionality

**Position:** Contract Software Engineer      **Company Name:** Evergreen Research      Mar. 2007-Aug. 2007

## Education

<b>M.S. Computer Science</b>	<b>Colorado School of Mines</b>	2010-2012
<i>Research Interests: Data Mining, Artificial Intelligence, Machine Learning, Simulation, Web Programming.</i>		
<b>B.S. Computer Science</b>	<b>Colorado School of Mines</b>	2003-2007

## Technical Skills

- ❖ Excellent skills with Javascript, React, Redux, Sagas, HTML5, CSS3, Webpack, Bash scripting, Scrum, Git, Jenkins.
- ❖ Experience with C, C++, DOS scripting, Windows MSI, Java, J2EE, Coffeescript, Backbone, Marionette, Handlebars, HAML, Hamlbars, Jasmine, Ruby, Ruby on Rails, RSpec, PHP, SQL, ActionScript

## Other Experience

- ❖ Medtronic Navigation Student Intern during Colorado School of Mines Summer Field Course, 2006
- ❖ Colorado School of Mines Technology Consultant, 2004-2007