## Justin Thomas  310-740-2296  justin.thomas1@gmail.com  LinkedIn  GitHub

## Skills

### Languages

JavaScript | Java | Clojure | ClojureScript | Groovy | Perl | Ruby | CoffeeScript

Regular Expressions

### Database

PostgreSQL | MongoDB | Oracle | Redis | MySQL | Microsoft SQL Server

### General

node.js | vim | tmux | git | RabbitMQ | Eclipse | CVS | Jenkins | VMWare

VirtualBox | BEA Weblogic | JBoss | Maven2 | ANT | Tomcat | Minitab | Excel

PowerPoint | Word | Flex Builder

### Certifications

Sun Certified Programmer for the Java 2 Platform, SE 5.0

---

**Red Bull**  **Lead Software Engineer**                         January 2013 to Present

### Red Bull Sound Select

Developed a platform for managing artists, live events, and tracking social media buzz around both. Built a music player for the site allowing sharing of consumer made playlists. Wrote all data mining of artist social activity so artists and Red Bull could detect the social media growth of artists. Correlate social media growth to shows played and tracks released. Built notifications framework for alerting users of new music in which they would be interested. Built ranking algorithm in platform in Clojure to rank artists and create dynamic trending lists.

Node.JS | JavaScript | Angular | Clojure | JavaScript | postgres | MongoDB

Redis | D3 | Bash

---

**Chromatik**  **Lead Software Engineer**                         August 2011 to March 2013

On two developer team that built a web app that allows users to upload PDF versions of their sheet music and make sharable annotations and recordings of it. The scores can be shared to others for

use in both a classroom and professional bands. The work I did was featured in TechCrunch, Forbes, Wall Street Journal, and used on American Idol. Received a $5 million Series A round.

Node.JS  CoffeeScript  Backbone.JS  MongoDB  Bash

## Rally Software  Senior Software Engineer - R & D                April 2010 to September 2011

Agile Zen

Primary job function is adding features to an Agile based project management tool that has 40,000+ concurrent users, which is currently rated the number one agile tool. Other projects included building internal cloud based application to store rotating logs from the main application, our search indexes, attachments uploaded by users, and run Map/Reduce for data mining using Hadoop on a CentOS cluster. Implemented a tagging feature. Researched new analytics architectures and implemented working model using JavaScript based charting solutions and MongoDB.

Java  Spring  Grails  Oracle  Node.JS  CoffeeScript  Bash

## Verizon Business  Senior Software Engineer                November 2006 to April 2010

Was in charge of redesigning the application architecture used by our network management group. Wrote a search engine that decreased search times from 20 seconds to 10 milliseconds using Apache Lucene. Implemented proof of concepts with Flex3 and Java backend, GWT, and JavaScript. Wrote a hook for the network management platform Smarts to our ticketing system for automated ticketing. Past accomplishments include examining existing algorithms for added performance enhancements. Some such enhancements decreased data load time from seven minutes to five seconds. Designed and developed a series of applications to increase productivity for the existing team of developers, which included writing class dependency generator, database driver wrapper to monitor queries.

Java  Spring  Oracle  Flex  GWT  Bash

## First Jobs, college, and interships                June 1998 to July 2006

bioMerieux  Java Developer Intern

NCSU  Lab Intern

Honeywell Inc.  ASP.NET Developer

Freelance @ Shattered Reality Designs  Sys/Linux Admin, Web Designer

## North Carolina State University

Bachelor of Science  Bachelor of Science  Minor
Biochemistry  Philosophy  Computer Science

**Flying Activities**

Private Pilot License (HP/Complex), D Skydiving License, P2 Paragliding License

**Sider**

An inverted index for redis text search.

**Informant**

A node performance monitor.

**HideHeid**

Chrome App to block users on various forums.

**QuickLog**

An webapp to record wingsuit flights.