

# Justin Thomas

## Github

<https://github.com/base698>

## StackOverflow

<http://stackoverflow.com/users/491770/justin-thomas>

## LinkedIn

<https://www.linkedin.com/pub/justin-thomas/2/8b6/a10/>

## Email

[justin.thomas1@gmail.com](mailto:justin.thomas1@gmail.com)

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## Skills

### Languages

JavaScript

Java

CoffeeScript

ClojureScript

Groovy

Perl

Ruby

Regular Expressions

### Database

PostgreSQL

MongoDB

Oracle

MySQL

Microsoft SQL Server

### General

node.js

vim

tmux

git

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** Software Engineer

January 2013 to Present

### Red Bull Sound Select

Developed a platform for managing artists, live events, and the social media buzz. Built the 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.

Node.JS

JavaScript

Angular

postgres

MongoDB

Redis

D3

Bash

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**Chromatik** 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've done has been 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

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**Rally Software** 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

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## 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

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## First Jobs, college, and internships

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

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## North Carolina State University

Bachelor of Science

Biochemistry

Bachelor of Science

Philosophy

Minor

Computer Science

## Other Activities

I like to fly

Private Pilot License, D (Expert) Skydiving License, P2

Paragliding License

QuickLog

A parachuting distance tracker to record wingsuit flights.

Sider

An inverted index for redis text search.

Informant

A node performance monitor.