Justin Thomas

Github

https://github.com/base698

StackOverflow

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

LinkedIn

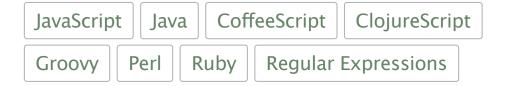
https://www.linkedin.com/pub/justin-thomas/2/8b6/a10/

Email

justin.thomas1@gmail.com

Skills

Languages



Database



General



Certifications

Sun Certified Programmer for the Java 2 Platform, SE 5.0

Red Bull Software Engineer

January 2013 to Present

Red Bull Sound Select

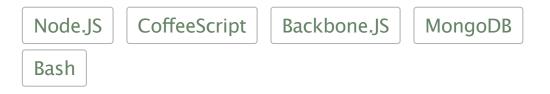
Developed a platform for managing artists, live events, and the social media buzz. Built the music player for the site allowing sharing of consumer made playlists. Wrote all data mining of artist social activity so artists and Red Bull could detect the social media growth of artists. Correlate social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



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.



Rally Software Software Engineer - R & DApril 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.



Verizon Business Senior Software Engine 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 interships

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

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.