

# BENJAMIN J. McCANN

www.benmccann.com/contact

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## EDUCATION

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### **Carnegie Mellon University**

#### **Master of Business Administration - MBA**

May 2006

Concentrations: Information Systems, Strategy, Finance, Marketing

#### **Bachelor of Science in Computer Science with University Honors**

May 2006

Andrew Carnegie Society Scholar

Lambda Sigma Honor Society

Senior Leadership Award

National Society of Collegiate Scholars

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## EXPERIENCE

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### **Google Inc.**

Irvine, CA

Software Engineer

7/08 - 10/11

One of four engineers who worked full-time on the initial launch of Realtime Google Analytics. Wrote or reviewed nearly all front-end code for the feature. Developed a responsive and mesmerizing UI. Improved stability by adding metrics tracking, logging, and testing. Launch received the most press and attention of any feature launch during the product's history and was featured in CNN, TechCrunch, and the Washington Post amongst others.

Led Accounts Plus effort enabling Google Apps accounts to be used with Google Analytics. Received prestigious Operating Committee Honorable Mention Award from senior executives and four peer bonuses.

Development of heavily trafficked internal service to provide account data to multiple Analytics front-ends. Heavy focus on improving Analytics scalability, uptime, and data integrity. Responsible for production pushes and maintaining best in industry uptime. Carried on-call pager. Designed and implemented of integration testing framework for complex ecosystem of dependencies. Received Ads Citizenship Award.

Led company-wide effort to correct and minimize project dependencies. Over 500 Google engineers from around the world participated. Reduced build times and binary sizes by as much as 90%.

Investigated and prototyped new product concept for Google Analytics dashboard, which informed future efforts.

20% time: Created Google Spreadsheets formula highlighting and formula bar; highlighted in PCWorld as best new feature. Worked with Mozilla on enabling for Firefox 4.0. Implemented Google Spreadsheets solver (Tools > Solve).

### **The Sherwin-Williams Company**

Cleveland, OH

Web Developer

1/07 - 7/08

Redesigned corporate directory to add AJAX functionality, internationalization, and mobile version.

Wrote custom ORM to abstract legacy data access library which encapsulated complex business logic.

Implemented Oracle Identity Manager provisioning. Aggregated information from four disparate systems to identify and cleanse over 2,000 employee records not present in Oracle Human Resources Management System.

### **TabWorldOnline.com**

Westlake, OH

Owner

6/00 - 07/05

Created and ran Tab World Online, a profitable guitar website, which was sold in July 2005. Extensively marketed the site which received over 1 million page views per month and held over 4,500 registered users. Forged business partnerships, improved visitor return rate, and increased site attention span.

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## TECHNICAL

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Primary Languages: Java, JavaScript, HTML, CSS, SQL

Other Languages: Groovy, Python, Bash, C#, PHP, Ruby, R, C, SWIG, SML

Frameworks: MapReduce, Struts 2, WebWork, Guice, Closure, Gradle, Fabric, GWT, Google Gadgets

Platforms and Datastores: Linux, EC2, MySQL, Oracle, BigTable, AppEngine

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## OPEN SOURCE

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Apache Commons Math: Contributed implementation of Dual-Phase Simplex and K-Means++ algorithms

GuiceBerry and Google XML Pages (GXP): Maintainer of packages in Maven central repository

Struts 2 GXP and Guice Plugins: Open sourced GXP plugin. Upgraded Guice plugin for Guice 3.0 compatibility

Google Closure: Contributed Matrix implementation and various bug fixes and code cleanup

Google Chart Tools: Implemented stepped area chart