BENJAMIN J. McCANN

www.benmccann.com/contact

EDUCATION

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

EXPERIENCE

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.

TECHNICAL

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

OPEN SOURCE

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