# JAMES S. RAVN

*SOFTWARE DEVELOPER*

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## Profile

Proven record of delivering high quality software.
Passionate about elegance in design and engineering.
Self-starter with a strong sense of business value.

## Technical

| Java | Git / Subversion | Mysql / Oracle |
|------|------------------|----------------|
| C++ / C | IntelliJ / Netbeans | OS X / Linux / Windows |
| Ruby | Emacs / Vim | Scrum / TDD |

## Experience

**IMC Financial Markets** (Chicago, IL)                    Current
Senior Software Engineer

**Motorola Mobile Devices** (Libertyville, IL)             2006-2009
Senior Software Engineer

Co-designer and developer of software quality tools website used by 3GSM software management. This website comprised of about a dozen tools for aggregating data from numerous sources and applying statistical models for analysis.

Tools were developed in ASP, Ruby on Rails, and Excel. It interacted with data stored in Excel, Oracle, MySQL, MSSQL, and HTML pages.

Statistical analysis was performed in Minitab, Excel, and C#. Monte carlo simulations and linear regression were regularly used. A novel software defect estimation model was designed using Markov chains.

## Education

University of California - Los Angeles, California
B.S. Computer Science and Engineering, 2005 — **3.5 GPA**