

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.

Skills

Programming

Intuitive understanding of programming languages and managing complexity.

Design

Experienced designer of software systems and APIs.

Leadership

Mentoring of junior developers. Organizer of self-learning sessions for developers. Leading the design and implementation of software projects.

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)
Senior Software Engineer

Current

Motorola Mobile Devices (Libertyville, IL)
Senior Software Engineer

2006-2009

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**

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