

# Jonathan Deutsch

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## PROFILE

I'm looking for a full-time software engineering management position. I'm creative, entrepreneurial, and determined. I have a passion for building user-level applications from the ground up and breaking problems from the top down.

## EXPERIENCE

### **Engineering Manager, Apple Inc.** Cupertino, CA 2006 -

As the manager of Low Level Update Integration, I lead eight engineers to ensure the underpinnings of Mac OS X updates are in great shape before shipping to millions of users. I identify and hire top talent into the group directly responsible for risk analysis, bug triage, and integration-level test development. I constantly drive my team to invent new ways of reducing size and improving the quality of delivered updates. Our tools and processes are used company-wide and set the standard for effective automation.

### **Software Engineer, Apple Inc.** Cupertino, CA 2004 - 2006

As an engineer on the Low Level Update Integration team, I wrote tests, tools, and Cocoa applications to improve updates to Mac OS X. I quickly produced thought-provoking prototypes with unique and usable interfaces. I was the go-to person for special projects and often loaned for work as an EPM, helped other teams in engineering pinches, and was called upon to develop/manage demos for keynotes. I took an active leadership role on the team, mentoring interns and helping with recruiting efforts.

## EDUCATION

**Purdue University, West Lafayette, IN** – B.S. Computer Science with Asian Studies Minor, 2004

## RESEARCH

**Mixed-Reality Tabletop (MRT):** A Low-Cost Teleconferencing Framework for Mixed-Reality Applications. D. Bekins, S. Yost, M. Garrett, J. Deutsch, W. Htay, D. Xu, D. Aliaga, IEEE Virtual Reality, short paper, 2006. <http://wiki.cs.purdue.edu/cgvlab/doku.php?id=projects:mrt>

## SOFTWARE

**Tumult HyperEdit** – <http://www.tumultco.com/HyperEdit/>

HyperEdit is an HTML and PHP editor for Mac OS X. It utilizes WebKit to show a live preview as code is written and validates pages according to W3C standards on the fly. It has been downloaded 50,000+ times and received 4 1/2 mice from Macworld.

## SKILLS

**Development:** Objective-C/Cocoa, C, Java, HTML5/CSS, Javascript, PHP, Python, SQL

**Operating Systems:** Mac OS X, Unix CLI, Windows XP

**Applications:** Xcode, Interface Builder, Photoshop, Final Cut Pro, Painter, iWork, Office

**Expertise:** Automation, User Interfaces, Rapid Prototyping, Accessibility

## INTERESTS

Programming, Kendo, Tennis, Drawing, Chinese Calligraphy, Poker, Perpetually Learning Guitar