

## Chetan Surpur

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### Objective

Seeking a position that will allow me to challenge my skills in helping shape and perfect next-generation technologies, while sharing and acquiring knowledge from other passionate, experienced engineers.

### Education

Aug 2008 – Present **University of California, Berkeley** Berkeley, CA  
**Major:** B.S. Electrical Engineering and Computer Science  
**Overall GPA:** 3.428  
**Expected Graduation:** May 2012  
**Relevant Coursework:** Operating Systems, Algorithms and Data Structures, Machine Structures, Discrete Math and Probability Theory, Computer Security, Artificial Intelligence

### Experience

May 2011 – Present **Apple, Inc.** Cupertino, CA  
*Intern, System Applications for Mac OS X*

- Improved responsiveness and user experience of login screen in Mac OS X Lion.
- Conceived, designed and prototyped a new feature for the next major OS.

Nov 2009 – Present **ReversEntropy, LLC** Cupertino, CA  
*Founder and CEO*

- Designed, developed, and marketed Pollux, an automatic music tagging and organization software (<http://polluxapp.com/>)
- Initially free; received capital investment to cover operational costs; sold personal software licenses for \$10 per year
- Worked with two partners and two investors
- 45,000 free downloads and 7,000 purchases

Jun 2007 – Aug 2008 **Massachusetts Institute of Technology – Media Lab** Boston, MA  
*Developer*

- Developed new features & fixed bugs for MIT Scratch project (<http://scratch.mit.edu/>)
- Designed and deployed user notification system for website

### Skills and Familiarity

**Languages and Technologies** Ruby on Rails, JavaScript, Objective-C + Cocoa, PHP, Java, Python, HTML / CSS, Node.js, MySQL, MongoDB, C, C++, LaTeX, MIPS  
**Applications and Tools** Git, Mercurial, SVN, CVS, Bugzilla, GDB, MS Visual Studio, Apple Xcode, MS Office, Adobe Photoshop, Flash, Vim, Emacs  
**Skills** UI / UX, web & graphic design, server setup / management, team leadership  
**Operating Systems** Windows, Mac, Linux / Unix

### Honors and Awards

Dec 2009 **Pollux - One of Lifehacker Magazine's Ten Most Popular Free Mac Downloads of 2009** LA, CA  
Won award while Pollux was initially free software

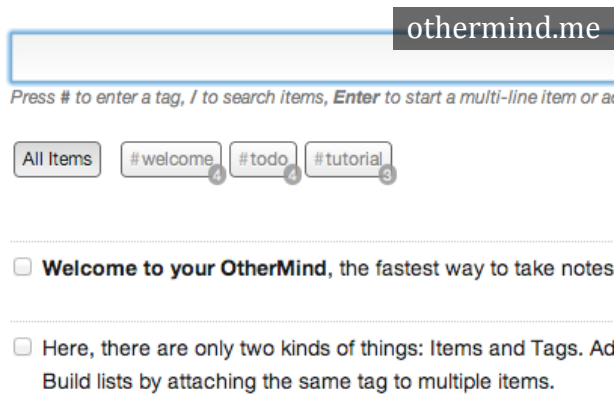
Mar 2007 **AutoType - 2<sup>nd</sup> Place, Engineering Division, Synopsis Regional Engineering Competition** SF, CA  
For developing and prototyping AutoType, a predictive, learning, word and phrase completion software

Jun 2006 **Monta Vista Robotics Team - Best Programmer for 2005-2006** Cupertino, CA  
Developed autonomous targeting and tracking system for our robot for the FIRST Robotics Competition, 2006

### Additional Information

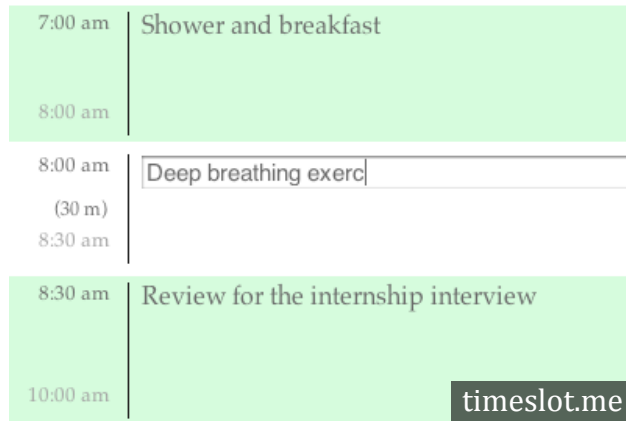
Love playing basketball, practicing piano, hitting the gym and reading *xkcd*

## Projects



### OtherMind

The fastest way to take notes and make lists. In OtherMind, there are only items and tags – add items rapidly and organize them by attaching tags.



### Timeslot

Plan your day hour-by-hour effortlessly. Timeslot will automatically generate start and end times for each item, so making any changes to your agenda is super easy.



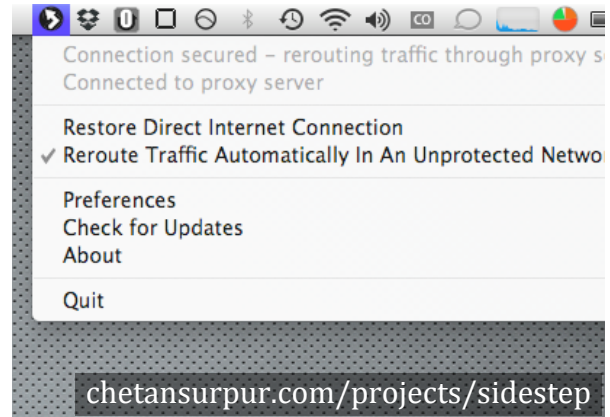
### Hacker Panel & Reddit Panel

Bookmarklets to pull up or start the Hacker News or Reddit discussions for any web page. Just click the button to start reading opinions and commenting.



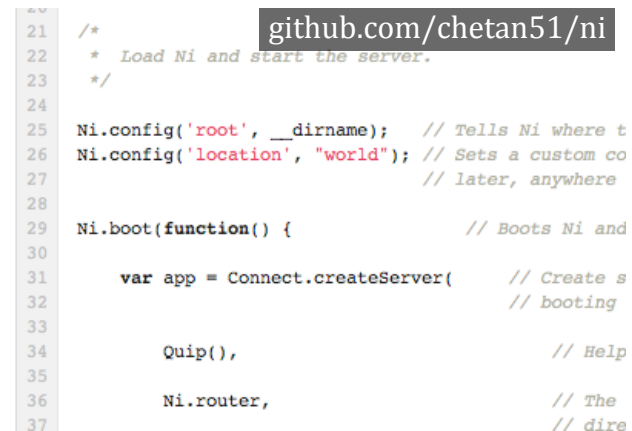
### Pollux

Automatically organize and tag your music library. Select your songs, hit "Tag" and watch Pollux listen to each song and tag it with name, album, artist, lyrics, and more.



### Sidestep

Secure your Internet connection in unprotected wireless networks. Sidestep automatically reroutes your Internet connection through a secure proxy when you need it.



### Ni

A minimalistic Node module / framework that makes setting up an MVC project a walk in the park. Ni helps you organize your project without getting in your way.