

Chetan Surpur

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Education

Aug 2008 – May 2012 **University of California, Berkeley** Berkeley, CA
Major: B.S. Electrical Engineering and Computer Science
Overall GPA: 3.3
Relevant Coursework: Artificial Intelligence, Operating Systems, Algorithms and Data Structures, Machine Structures, Discrete Math and Probability Theory, Computer Security

Experience

Aug 2012 – Present **LinkedIn** Mountain View, CA
Software Engineer, Mobile Team

- Supported development of the new notifications screen across mobile web, iOS and Android platforms
- Played major role in implementing hybrid HTML5 / native mobile profile editing experience for iOS and Android platforms

May 2011 – Aug 2011 **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 – Feb 2012 **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

Skills and Familiarity

Languages and Technologies Objective-C + Cocoa, JavaScript, Python, Java, Ruby / Rails, HTML / CSS, Node.js, PHP, 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 Mac, Linux / Unix, Windows

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

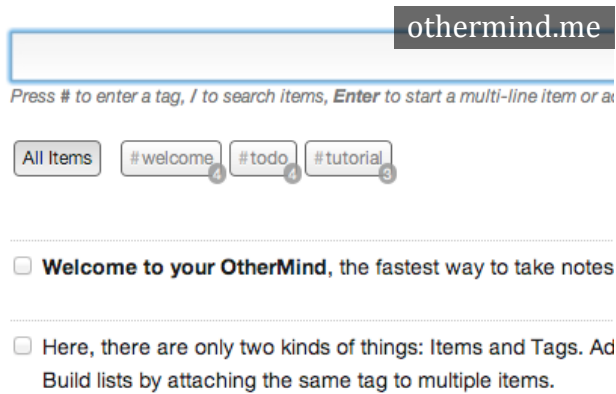
Mar 2007 **AutoType - 2nd Place, Engineering Division, Synopsis Regional Engineering Competition** SF, CA
For developing and prototyping AutoType, a predictive, learning, word and phrase completion software

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

Fascinated by Artificial Intelligence, love practicing martial arts, playing piano, and reading *xkcd*

Projects



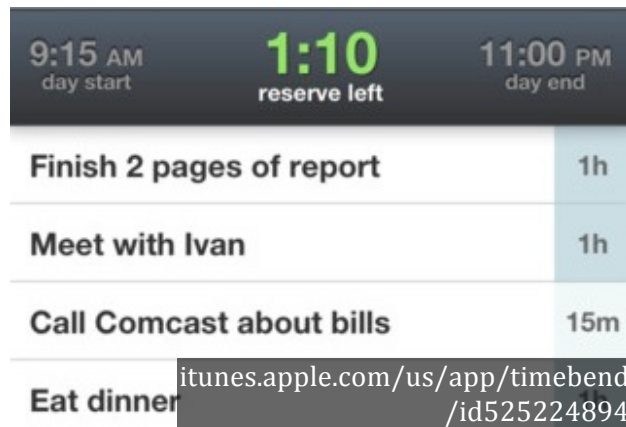
OtherMind

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.



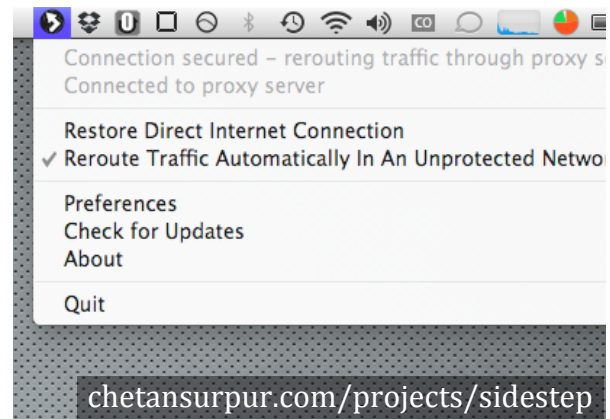
Pollux

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.



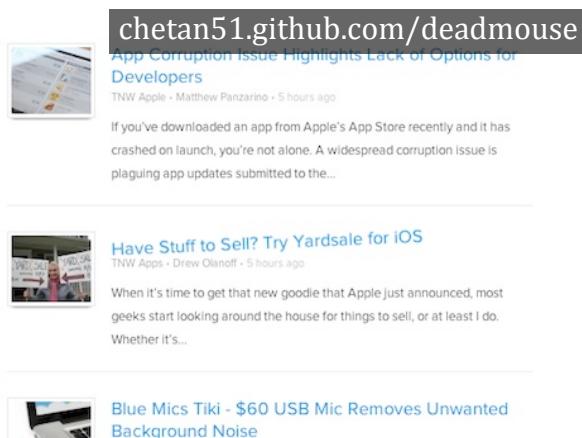
TimeBend

Today, do everything and more. A time-management app for iPhone.



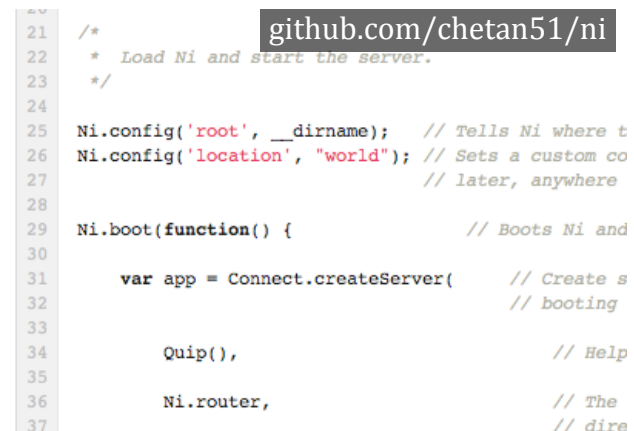
Sidestep

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



DeadMouse

Ditch your mouse. Surf the web with just your keyboard. (A Google Chrome extension.)



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.