

chetansurpur.com / chetan51@gmail.com

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 – **University of California, Berkeley** Berkeley, CA
May 2012
Major: B.S. Electrical Engineering and Computer Science
Overall GPA: 3.301
Relevant Coursework: Artificial Intelligence, Operating Systems,
Algorithms and Data Structures, Machine Structures, Discrete Math
and Probability Theory, Computer Security

Experience

May 2011 – Aug 2011	Apple, Inc. <i>Intern, System Applications for Mac OS X</i> <ul style="list-style-type: none"> 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. 	Cupertino, CA
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Nov 2009 – Feb 2012	ReversEntropy, LLC <i>Founder and CEO</i>	Cupertino, CA
	<ul style="list-style-type: none">• 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

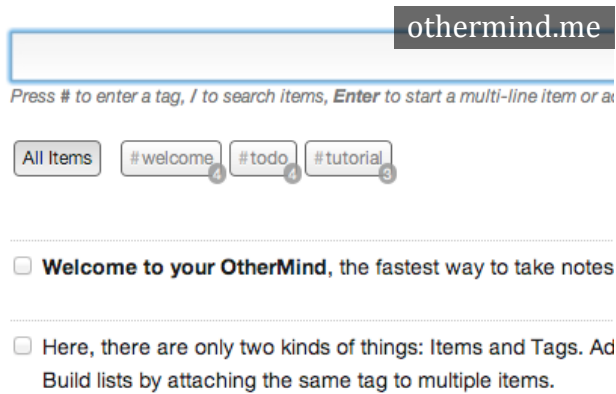
Honors and Awards

Dec 2009	Pollux - One of Lifehacker Magazine's Ten Most Popular Free Mac Downloads of 2009 Won award while Pollux was initially free software	LA, CA
Mar 2007	AutoType - 2nd Place, Engineering Division, Synopsis Regional Engineering Competition For developing and prototyping AutoType, a predictive, learning, word and phrase completion software	SF, CA
Jun 2006	Monta Vista Robotics Team - Best Programmer for 2005-2006 Developed autonomous targeting and tracking system for our robot for the FIRST Robotics Competition, 2006	Cupertino, CA

Additional Information

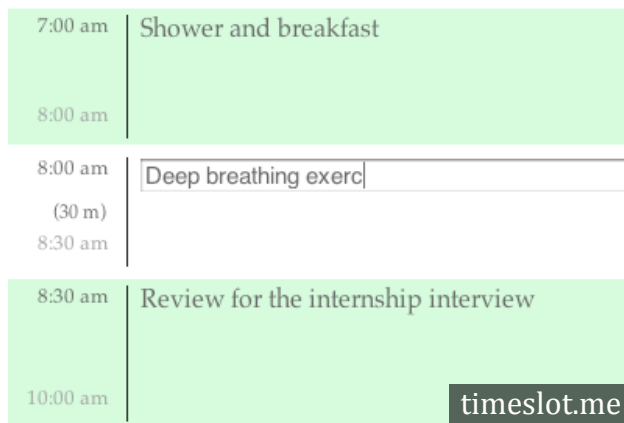
Love playing basketball, practicing piano, hitting the gym and reading *xkcd*

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.



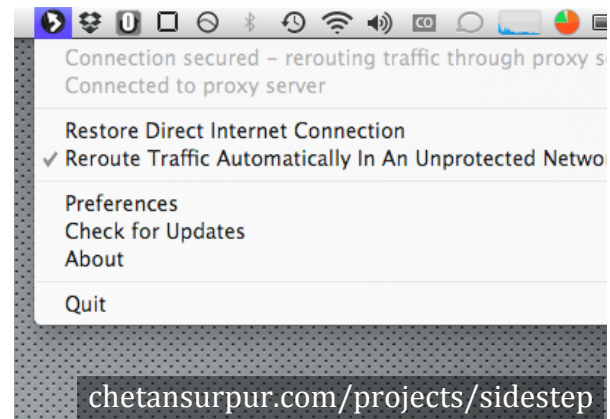
Hacker Panel & Reddit Panel

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.



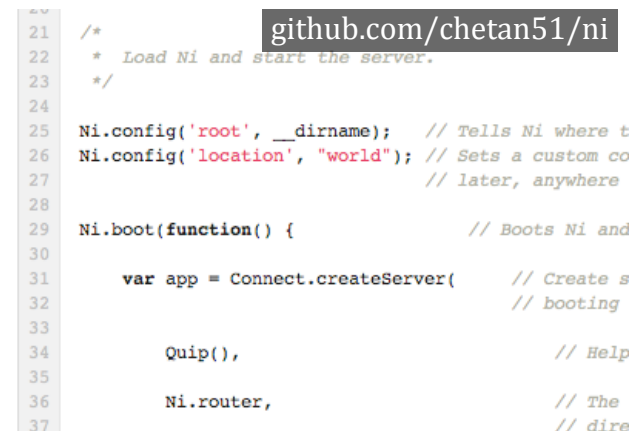
Pollux

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.