

Fred Potter

4950 California St. #6
San Francisco, CA 94118

(650) 492-1607
fpotter@gmail.com

- WORK EXPERIENCE**
- ◇ **Founder, Pieceable Software** (September 2009 – Present)
 - Creating a platform that enables anyone to make iPhone applications without programming. Writing lots of software for iPhone, web (Cappuccino), and server (Java).
 - ◇ **Contractor, Twilio** (January 2010 – May 2010)
 - Developed a native iPhone client for Twilio's OpenVBX product. The app performed many of the same functions as Google Voice (visual voicemail, dialer, text messaging).
 - ◇ **Software Engineer, Loopt** (January 2007 – September 2009)
 - Developed mobile applications for Loopt's social-mapping service on iPhone, Android, BlackBerry, and J2ME platforms, as well as server-side components in C#.
 - ◇ **Founder, BerryStore** (August 2008 – March 2009)
 - Built and sold BerryStore, a precursor to BlackBerry's App World, and the first on-device app store to bring an iPhone-like app browsing experience to the platform.
 - ◇ **Research Assistant, Intel Research Seattle** (June 2004 – March 2007)
 - Wrote algorithms that help your phone figure out its location by looking at what cell towers it can see. Developed social-mobile applications for Windows Mobile.
 - ◇ **Software Design Engineer Intern, Microsoft** (June 2006 – September 2006)
 - Designed and implemented new additions to the mobile Outlook API to support contact groups using C/C++.
- INTERESTING PROJECTS**
- ◇ **PlaceLab & POLS Toolkits, Intel Research Seattle** (June 2004 – December 2006)
 - Developed software to perform indoor/outdoor localization using signals received from GSM cells and WiFi base stations. Developed mobile localization toolkit for Windows Mobile devices intended as a drop-in location solution for developers.
 - ◇ **Robotic Blimp** (February 2004 - June 2004; February 2006 – June 2006)
 - Integrated micro-controller with sensors and radio, and wrote embedded software to support a remotely operated, computer-controlled blimp. Restarted the project two years later to develop a hardware and software blimp package that was used to teach the Robotics capstone class during Spring '06.
 - ◇ **High Altitude Balloon Photos** (April 2006)
 - Wired a micro-controller up to a disposable digital camera and snapped some awesome photos from around 100k feet.
- SELECTED PUBLICATIONS**
- Mike Chen, Tim Sohn, Dmitri Chmelev, Dirk Haehnel, Jeffrey Hightower, Jeff Hughes, Anthony LaMarca, Fred Potter, Ian Smith, Alex Varshavsky: **Practical Metropolitan-Scale Positioning for GSM Phones**. *UbiComp 2006*
- Giovanni Iachello, Ian E. Smith, Sunny Consolvo, Gregory D. Abowd, Jeff Hughes, James Howard, Fred Potter, James Scott, Timothy Sohn, Jeffrey Hightower, Anthony LaMarca: **Control, Deception, and Communication: Evaluating the Deployment of a Location-Enhanced Messaging Service**. *UbiComp 2005*: 213-231
- SKILLS**
- ◇ Platforms: iPhone, Android, BlackBerry, J2ME, Windows Mobile, Cappuccino, jQuery
 - ◇ Languages: Java, Ruby, Objective-C, C#, C, Javascript, Perl, PHP, ASP, SQL
- LIKES**
- Thinking about what to build as much as how to build it, working with passionate people, great design, iterating quickly, test-driven development, not reinventing the wheel.
- EDUCATION**
- ◇ **University of Washington**, Seattle, WA
B.S. in Computer Science, 2007.