

Christian J. Ternus

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EDUCATION **Massachusetts Institute of Technology** Cambridge, MA
Graduated with S.B., June 2010
Advanced Coursework (partial list): 6.033 Computer System Engineering, 6.115 Microcontroller Project Laboratory, 6.828 Operating System Engineering, 6.830 Database Systems, 6.846 Parallel Computing, 6.857 Computer and Network Security, 6.945 Large-scale Symbolic Systems
GPA: 4.2/5.0 in program

EXPERIENCE **Dimagi, Inc** Charlestown, MA
Engineer September 2010 - Present
Designed, developed, tested, documented and deployed changes to Dimagi's CommCareHQ, AS-Hand, and RapidSMS healthcare coordination platforms to support mobile health (mHealth) interventions domestically and in the developing world. Supported and developed Linux IT infrastructure in HIPAA-compliant environments. Worked directly with domestic and international clients. Technologies used include Python, Android, SMS, Django, JavaScript, PostgreSQL, and CouchDB.

Premier, Inc Charlotte, NC
Dimagi Programming Consultant September - December 2010
Consulted in the development of Premier's web-based physician profiling system. Assisted in developing Java-based server backend and designing and implementing JavaScript frontend using the Dojo toolkit. Extensive travel to support remote engagement.

Ksplice, Inc Cambridge, MA
Software Engineering Intern January 2010; June - August 2010
Designed and constructed applications for early-stage Linux security startup. Added new features and built automated test framework for Python/Django web applications. Wrote marketing materials. Helped develop customer-facing user interface.

MokaFive, Inc Redwood City, CA
Technical Contractor May 2009 - August 2009
Designed and implemented an integrated, networked Virtual Machine backup system in Java and C++. Provided insight and technical expertise to help market MokaFive's technology to a critical new customer.

Vanu, Inc Cambridge, MA
Member of Technical Staff June 2008 - August 2008
Constructed a modular, automated cellular software/hardware framework which played a critical part in analysing and testing Vanu's software-radio cellular tower product. Assisted in the development of RF link-handover technology.

SKILLS **Programming:** Extensive experience with Python, Perl, Java, C/C++, SQL, ASM, LISP, Android, Django, CouchDB
Systems: Linux, Windows XP/Vista/7, OS X, Android, iPhone
Languages: English, conversational German
Travel Experience: Foreign Service parents, extensive experience living abroad (US, Bahrain, Costa Rica, Estonia, Austria, Germany, England), capable of rapidly adapting to new situations

INTERESTS Photography, travel, amateur radio, web design, hiking, camping, bicycling, sailing, reading