

Christian J. Ternus

ternus@cternus.net

617-710-8955

https://cternus.net

Experience **Akamai**

Architect

Security Researcher, Senior Security Researcher

Cambridge, MA

2015-Present

2012-2015

- Provided architectural advice and guidance in long-term engagements with teams across the company.
- Founding member of Adversarial Resilience team.
- Developed and reviewed new system designs.
- Developed and tested new attacks and contributed to fixes.
- Mentored junior engineers and researchers.
- Managed critical high-severity technical incidents (\$10M+ potential impact).
- Trained others in incident management and helped develop new incident process.
- Helped sell Akamai as part of executive briefing team. Met directly with customer executives and architects to present and answer questions on Akamai architecture and security at a deep technical level.
- Developed internal tools in Python, Go, Haskell, C++, and Javascript.
- Highly-rated speaker at conferences such as OSCON and SOURCE. Invited speaker at USENIX LISA and other venues.
- Created the Kindness Initiative and the Humanity in Security internal mini-conference.

Dimagi

Engineer

Charlestown, MA

2010-2012

- Designed, developed, tested, documented and deployed changes to healthcare coordination platforms.
- Supported mobile health interventions domestically and in the developing world.
- Developed HIPAA-compliant Linux IT infrastructure.
- Worked directly with clients in the US, Africa, Latin America, and Europe, including extensive remote travel.
- Developed with Python, Android, SMS, Django, JavaScript, PostgreSQL, and CouchDB.

Premier

Engineering Consultant

Charlotte, NC

2010

- Consulted in the development of Premier's web-based physician profiling system.
- Contributed to Java-based server backend and Dojo/JavaScript frontend.
- Weekly long-distance travel to support remote engagement.

Skills

Programming: Python, Go, Haskell, Java, C/C++, SQL, LISP, Android, Django, CouchDB, LaTeX, Javascript (jQuery, Meteor), HTML5/CSS3

Systems: Linux, Windows, OS X, Android, iPhone

Languages: English, conversational German, conversational Spanish

Education **Massachusetts Institute of Technology**

S.B., Computer Science and Engineering, June 2010

Cambridge, MA

Interests

Travel, photography, adventure motorcycling, amateur radio, web design, expeditions (including 20,000-mile motorcycle journey from USA to Tierra del Fuego)