

# COOPER QUINTIN

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2331 Russel st. Berkeley, CA 94705

Tel: (510) 827-5382 / E-mail: [cooperq@cooperq.com](mailto:cooperq@cooperq.com)

<https://github.com/cooperq>

## Skills

- Fluent and extremely comfortable with Python, Ruby, Bash, Javascript (Client and Node.js) and PHP
- Experienced advocate of software engineering best practices, E.G.: agile, test driven development, MVC, Object Orientation Patterns
- Extremely familiar with mobile security threat models and attacks.
- Extremely familiar with web security threat models and attacks.
- Many years of theory and practice with security and anonymity techniques.
- Penetration testing and security auditing
- Can read Perl, C/C++ and Java
- Nagios system monitoring
- Many years experience with system administration tasks specifically related to LAMP stack systems.
- Frameworks: Ruby on Rails, Sinatra, Backbone, Express.JS, Padrino, Django

## Current Position

### Radical Designs

Director of Technology / Co-Owner

2009 – Current

Responsible for leading a team of up to 5 other programmers, making major technology decisions for the company, designing, estimating, architecting and maintaining small and large software projects. Responsible for overseeing all software projects from start to finish and assuring that best practices are used to write quality software and assure team and customer satisfaction.

## Open Source and Other Projects

### Ethersheet

<https://ethersheet.org>

Designed and built an open source collaborative online collaborative spreadsheet

### REvent

<http://revent.radicaldesigns.org/>

Contributed to the development of REvent, an open source tool to facilitate distributed national days of action for organizers. Written in Ruby and Javascript.

### Hackmeet

<https://hackmeet.org>

Co-Organizer of Hackmeet. The goal of Hackmeet is to bring together activists and techies/hackers to facilitate a discussion about the intersection of activism and technology. Additionally hackmeet organizes regular security trainings around the bay area.

## **Talks**

### **Your Cell Phone is Covered In Spiders: Pragmatic Mobile Security**

HOPE Number Nine, New York, NY, 2012

### **Test Driven Development For Beginners**

Dev Summit, Oakland CA, 2012

### **Encrypt All The Things! A Primer on Full Disk Encryption**

Cryptoparty, Oakland CA, 2012

### **Lockpicking 101**

Hackmeet 2012, San Francisco, CA

## **Awards**

Information Security Coalition - 2013 Technology Grants Round 2 Winner

Stripe CTF – 2012 Web Hacking Capture the Flag Contest Winner

## **Contract Work**

**2007-2009**

### **Adbusters Magazine**

Debugging and feature implementation for the Adbusters website running on a LAMP stack. PHP programming and lite system administration on CentOS 5. Implemented version control using GIT and implemented 3 tier system for development, testing and production environments. Custom module development.

### **Greenpeace**

Debugged and added features to Greenpeace's custom CRM software

### **BleacherReport.com**

Wrote custom software and maintained existing software using Ruby On Rails, PHP and the Facebook API Maintained Security and Usability on 5 servers for all employees of the company. Implemented version control with subversion and Capistrano. Set up Nagios monitoring. Optimized existing database queries.

### **Jaxtr.com**

Set up MySQL cluster and Nagios system on an 8 node network for a VOIP services company. Performed general maintenance on the servers as well as Bash scripting and security auditing. Also, wrote custom plugins for Nagios.

## **Past Positions**

### **Host For Web**

Level 3 Tech Support

2006-2007

Front line tech support of over 100 Linux servers serving over 3000 clients. Duties included: technical support, fixing servers, writing scripts to solve problems, configuring servers and auditing system security.

### **Phoenix IT**

Tech Support

2005-2006

In-home, tech support for windows users. Removing viruses, spyware. Installing software, hardware. Fine tuning computers to run faster. Education of users on computer security and maintainance techniques and methods.

## **References**

Furnished upon request.