

Eric Zhang

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PERSONAL PROJECTS

- [Reverse Engineering Twitch.TV's Viewer Counter](#) (Writeup) - A method to fake thousands of viewers on Twitch/Justin TV, popular live streaming sites.
- [EZBlocker](#) (.NET) - A utility that blocks advertisements in the Spotify music player with over 2000 active users.
- [ChromeLogger](#) (Javascript, AngularJS) - A keylogger built as a Google Chrome extension with a log viewer built in AngularJS & Bootstrap.
- [Cracking Adobe Air Apps](#) (Writeup) - A tutorial on modifying compiled Adobe Air applications.
- More at [Github.com/Xeroday](https://github.com/Xeroday)

WORK EXPERIENCE

- Summer 2014 **Salesforce** *San Francisco, CA*
Security Engineer, Intern
Salesforce.com is an enterprise cloud computing company best known for its CRM platform.
- Summer 2013 **Sharewave** *New York, NY*
Software Engineer, Intern
Sharewave is a web app for managing shareholders and investor relations, with features like document sharing, cap tables, and e-signatures.
 - Designed and built core functionality for the MVP, such as designing database tables, creating user account management, etc.
 - Wrote PostgreSQL stored procedures using PL/pgSQL and used AngularJS to create front-end app pages.
 - Created a server farm platform for document transcoding using C# (w/ MS Interops) and Python.
- Summer 2012 **UConn Health Center** *Farmington, CT*
Software Development & Research Intern
The UCHC intern team focused on the topic of adolescent substance abuse.
 - Built Android mobile applications and HTML mobile web apps.
 - Conducted research for a publication presented at the 2012 Summit on the Science of Eliminating Health Disparities in Washington DC.
- Summer 2011 **Freelance Web Development**
- Summer 2010
 - Created an internal management database for SolarYouth.org (2011).
 - Designed and developed CMS for CastCT.org (2010).

EXTRACURRICULARS

- Present **Grey Hat @ GT** *Atlanta, GA*
- Fall 2012 Communications Admin
Grey Hat is a community where students can learn offensive and defensive information security.
 - Competed in CTF competitions with the MadHatters team
 - Organized weekly meetings and gave presentations on security-related topics
- Fall 2013 **Georgia Institute of Technology** *Atlanta, GA*
Teaching Assistant (CS 2050, Intro to Discrete Math)
 - Co-taught weekly recitation classes of ~50 students and held office hours

EDUCATION

Georgia Institute of Technology
Candidate for B.S. in Computer Science
Anticipated Graduation: May, 2016
Cumulative GPA: 4.0/4.0

MOOCs (MIT OCW, Coursera)
Cryptography I
Malicious Software and its Underground Econ...
Introduction to Algorithms

SKILLS

Java (incl. Android) Python .NET (C#, VB) SQL (PostgreSQL, MySQL) Javascript (AngularJS, JQuery) PHP HTML/CSS

Git Unix Command-Line AWS (EC2, S3, SES, SNS, SQS) Linux, OS X, Windows Unit Testing