Victor Benjamin Turner
Manhattan, New York, NY
(972) 510-7983
exterior@benturner.com

Web Site: http://benturner.com/
Github: https://github.com/Xeus
Autobio: http://benturner.com/personal/
Online Résumé: http://benturner.com/resume/
LinkedIn: http://www.linkedin.com/in/victorbenturner
Portfolio: http://benturner.com/mine/projects.php
Callsign: KD2DCN
Twitter: https://twitter.com/Xeus
Facebook: https://www.facebook.com/victorbenturner

GITHUB ACTIVITY
Vimeo (Jun 2014 - Apr 2015)
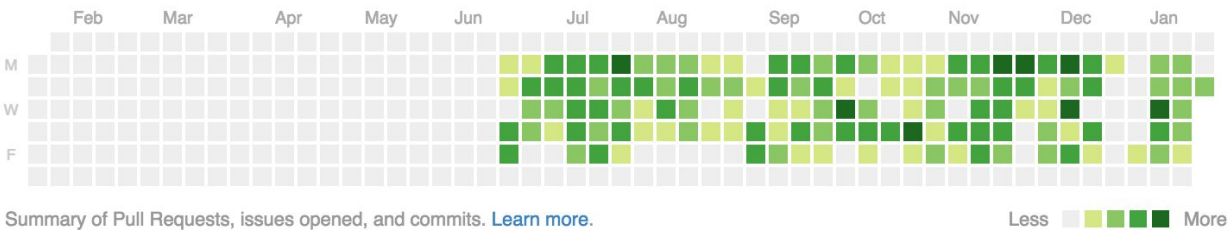
Summary of Pull Requests, issues opened, and commits. Learn more.   Less More

Year of contributions	Longest streak	Current streak
719 total	5 days	0 days
Jan 20 2014 - Jan 20 2015	July 07 - July 11	Rock - Hard Place

NYU-ITP/The Barbarian Group (Mar 2013 - Mar 2014)

Summary of Pull Requests, issues opened and commits. Learn more.   Less More
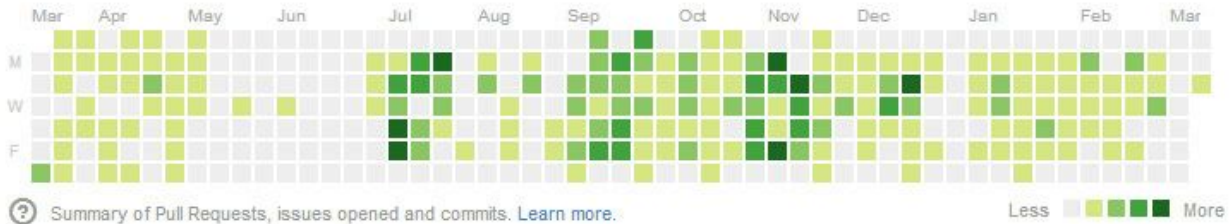
2,128 Total	11 days	0 days
Mar 18 2013 - Mar 18 2014	September 03 - September 13	Rock - Hard Place
Year of Contributions	Longest Streak	Current Streak

LANGUAGES & ARCHITECTURE

● **Production code:** JavaScript, Python, PHP, Objective C, HTML, CSS/SASS/LESS, MySQL, PostgreSQL, MongoDB. **Hobby code:** R, C/C++, Ruby, Go, Java, Android, Arduino, Processing. **Typical frameworks/libs:** Angular.js, Flask, Django, Drupal, Wordpress, Node.js/Express.js, Rails, Sinatra, Selenium+PhantomJS. **Deployment:** unit-testing & code coverage, task-runners, caching & queues (Celery+Redis, Memcached, HAProxy, Varnish), PageSpeed + validation, devops+containerization (Ansible, Docker, Vagrant), ELK stack for monitoring/metrics.

- Modern Standard Arabic, 2+/3 DLPT score, 7 years. Latin, 6 years. Ancient Greek, French, 1 year. Spanish, 1 semester.

PROFESSIONAL SUMMARY

Web Engineer, Flashpoint Intelligence (May 2015 - Present)

Application Engineer, Vimeo (June 2014 - May 2015)
- User-facing features for clip collections (brand channels, groups, albums, portfolios).
- Implementation of categories section redesign.
- Architected back-end classes, objects, schemata for new onboarding process.
- Refactored and implemented comprehensive unit tests for privacy and permission checks for clips, collections, blocking, following, messaging, forums.
- XSS, CSRF, IDOR, fuzzing, Burp/Kali security debugging from HackerOne reports.
- PHP, MySQL, memcached, jQuery/MooTools, SASS, CasperJS, Mocha, PHPUnit, Python.
- 130+ issues closed, 25k+ LOC added, 13k+ deleted.

Developer, The Barbarian Group (June 2013 - June 2014)
- Cryptstagram. Primary developer for Express.js/jQuery/EC2/S3 tool combining Instagram-like glitch filters with steganographic encryption of messages. Covered on Laughing Squid, PSFK, and Wired Design blog. http://cryptstagram.com/
- GE Transportation redesign. Back-end developer for PHP/Drupal-based Acquia-hosted site. http://www.getransportation.com/
- Cinder web site redesign (not public yet). Primary developer for Django/Bootstrap/EC2/Grunt site. Doxygen for Cinder documentation. http://www.libcinder.org/
- Custom Wordpress build for Projects for All. Custom theming, EC2 build behind Varnish. http://www.projectsforall.org/
- Python script & imagemagick to glitch The Bosco photobooth images for The Barbarian Group & AOL at SXSW. http://www.thebos.co/p/8BHRM6
- Demo for IBM BlueMix using Sifteo cubes and the Sifteo API.
- PHP/Slim framework API server on RHEL for a Clinique mobile app and integration of iOS 7 mobile app ObjC calls to API JSON endpoints, PHPUnit tests for stability.
- Prototyped an Android app using Qualcomm Vuforia to display via a cellphone's camera screen CMS-served content onto detected augmented reality shapes (billboards, print ads).
- Devops and bug-fixing via Github & Pivotal Tracker for client projects in Rails such as Sauza 901 Tequila, Sauza US, Hornitos Tequila, and The Kitchen.

Contract Engineer, ChatID (May 2012 - June 2013)
- Built express.js front-end business intel tool utilizing Python/Scrapy/Pattern/MongoDB/celery to scrape 1k+ online retailers and brands for existing chat systems, third-party tracking/monetization systems, and product databases.
- Python with Bing and Google APIs to weigh true URLs belonging to brand names.
- Flask to serve up Pattern-crawled results passed into ElasticSearch.

Coding Intern, The Colbert Report (Oct 2011 - April 2012)
- Devops, code fixes, and feature builds for custom Etherpad-based script-writing software, using jQuery, node.js, JavaScript, HTML, CSS, and some CoffeeScript.
- Set up local Ubuntu server box for Github-cloned Etherpad custom code for daily script production.
- Managed code updates and administrative maintenance for three testing servers.

Social Media Operations Team Lead, TechOp Solutions International, Inc. (Jun 2009 - Jul 2011)
- Team lead, conducted training for new team members, improved standard operating procedures and battle rhythms, maintained team skills.
- Led 5-person 24/7 operational team providing situational awareness, breaking news, and social media trend analysis for the Department of Homeland Security's National Operations Center.

- Provided information from social media (individuals, local/county/state response, local media) on natural disasters, terrorism incidents, international incidents, public safety, etc. to federal-level disaster response, police/fire/EMS, intelligence agencies, and federal watchdesks.
- Analysis via TweetDeck, Twitter search, RSS feeds, local blogs and news sites, blog comments, foreign media via translation tools, anonymous Mexican media for border violence issues, etc.
- Built prototype PHP/MySQL dashboard for form-style analyst report entry, with reports geolocated onto Google Maps; included searches, Twitter API pulls.
- Instituted quality control program from scratch for reporting, with monthly statistical analysis report and error log for 6 analysts.
- Provided open-source social media coverage on key events including the Haiti earthquake, 2010 Vancouver Olympics, and the Deepwater Horizon Oil Spill.

Private Consultant (Dec 2008 - Apr 2009)
- Android phone prototype for emergency first responders to coordinate movement and communication during emerging incidents, using Google Maps API, Android ADK.
- Combined existing government and first responder architectures and technologies with Android SDK and handset to create scalable, multi-party coordination and command application for real-time crisis management.
- Created and managed schedule between client and programmer, while building test cases for demos and for future applications later in the life cycle.
- Documentation of test cases and of software usage and features.

Junior Fellow, Yahoo!/Institute for the Study of Diplomacy, Georgetown University. (Aug 2008 - May 2009)
- Research into privacy, identity, reputation, and how international values affect social networking. https://digitalcommons.georgetown.edu/blogs/isdyahoofellow/

Web Contractor, Global Development Alliance, USAID & DAI. (Aug 2007 - Apr 2008)
- Re-design of public-private international development partnership intranet and external web sites at USAID.gov: http://www.usaid.gov/gda/
- Maintenance of USAID's GDA Development Frontier newsletter.
- Coordination of GDA-related events in the Washington, DC area.

Founder & Discoverer, Galapag.us. (Apr 2006 - Present)
- Online reputation management system for persistent global identity. Uses two-way transparency along with quantifiable and qualifiable data collection about your life so that you can build reputation and credit, as well as perform regressions on your lifestream. NYU-ITP thesis. http://galapag.us/ and blog @ http://blog.benturner.com/category/reputation/
- node.js/express.js server behind Varnish and Nginx, Redis and MongoDB for data, jQuery, Angular.js for front-end. Grunt, Bower workflow. Mocha & QUnit tests.

Arabic Cryptologic Linguist/Paratrooper, Sergeant, U.S. Army. (2002 - 2007)
- Expired Top Secret clearance, December 2009, OPM.
- During Operation Iraqi Freedom 3 (2005-2006), employed, upgraded, and developed training and optimal usage documentation for computers and electronic signals equipment tactically and experimentally in order to intercept voice communications.
- Served as Arabic linguist and property controller (equipment worth in excess of $1 million) for 4-man tactical interception team, requiring close teamwork, independence, cross-training, and initiative.
- Connected equipment in varying signals environments with integrated global intelligence networks; radio wave theory and satellite connectivity.
- Analysis of U.S. foreign policy, terrorist ideology and networks, and of counter-terrorist/political policy of Middle Eastern governments and organizations.
- Foot patrols and force protection missions with Special Forces teams, participated in targeted raids, trained with Iraqi soldiers in Iraqi dialect and basic combat maneuvers.

- As manager for 5th Special Forces Group's intelligence administrative duties, trained co-workers up for their first deployment to Iraq, and resolved 90% of the entire unit's clearance delays in 4 months.
- Instructor for two iterations of basic combat course for Special Forces support personnel for convoy operations, small-arms, and crew-served weapons.
- Army Physical Fitness Badge for excellence in physical training regiment.

Trader in Securities, Self-Employed. (1999 - 2002)

Web Developer, WebMasters, Inc. (1998 - 2000)
- Clients: Austin Powers Official Collector's Club, fabGORGON (New York/Philadelphia advertising firm), CellChoice (Philips Electronics cell phone promotion), Blue Ball Philadelphia, Flash Flood Productions.

BenTurner.com (1995 - Present)
- Awards: winner of the Project Cool Site of the Day. (10/98) Reviewed in The Net magazine. (6/97)

EDUCATION

New York University, New York, NY (2011-2013)

MPS, Master of Professional Studies, Interactive Telecommunications Program. Physical computing (Arduino, circuits), computational media (Processing), web (Ruby/Sinatra), video & sound (Final Cut Pro X/Premiere, Audacity), mobile web (Android, Phonegap, jQuery Mobile), dynamic web dev (JavaScript, node.js, MongoDB), redial (Asterisk & telephony), nature of code (Processing), CPAC I (Java, data structures), understanding genomes, data without borders (R), glitch, basic analog circuits. Projects: Twitter-triggered scent sprayers, RFID tupperware with light-up LEDs when pinged by browser/phone; dialpad menu operation of TV screens for bars/restaurant ordering; Processing sketch simulating effects of character genes, nation-level indicators, religion on offspring; curator-directed mobile phone breaking news event reporting; informal meet-up social networking site.

Georgetown University, Washington, DC (2007-2009)

MS, Master of Science in Foreign Service, International Development. 3.55 GPA. Int'l trade & finance, globalization, int'l relations theory, int'l social entrepreneurship, development orthodoxies, political economy of communications policy, analytical & statistical skills, small & medium enterprise, African development, Al-Qaeda & global jihad, "What's Shaping the Internet?, development management workshop, int'l negotiation, business operations in emerging markets, policies for poverty reduction, comparative democratization, social media in government/development/business, creating a culture of innovation.

U.S. Army (2002 - 2007)

98GAD SGT, Airborne school, level 1 combatives, hazardous materials training, Gryphon Group military defensive driving school, COTS equipment training, Special Forces basic combat instructor course, first responder first aid course, Joint Readiness Training Center. 8 month Iraq deployment.

Defense Language Institute, Monterey, CA (2002-2003)

AA, Associate of Arts, Modern Standard Arabic. 2/2/1+ DLPT. 3.0 GPA.

University of Texas at Austin Austin, TX (1996 - 2000)

BA, Bachelor of Arts, Classics/Latin. Business Foundations Program & classical civilization as minors. 3.2 GPA.

NOTABLES

- **2008-2009 Yahoo! & Georgetown University Institute for the Study of Diplomacy Junior Fellow**,, studying **privacy and identity and international values affecting social networking in the USA and BRIC countries**. Final research paper: http://www.scribd.com/doc/15026749/BRIC-Openness-and-Privacy-YahooGeorgetown-ISD-research
- Georgetown MSFS representative at the **2008 International Achievement Summit** in Kailua,

Hawai'i. http://www.achievement.org/

- As operational analyst, provided Twitter-based info on **real-time search-and-rescue event** after the earthquake in Port-au-Prince, Haiti, resulting in American resources assisting on-site teams in **rescue of one civilian**.