

# Ryan Kelker

Japan  
theinternet@yandex.com  
http://runexec.github.com

*I'm a flexible and creative software engineer with extensive experience learning new languages, systems, and thinking patterns. It's not about the money with me. I do this all night and day, so feel free to contact me. I'll be doing this either way.*

Website - <http://runexec.github.com>

Coderwall - <http://coderwall.com/runexec>

Smarter - <http://smarterer.com/ryankelker>

*"I think you've been doing great, totally kick ass and we really appreciate the feedback you've been providing." - Bashir Eghbali - Coderwall.com Dev Team*

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## Technical Skills

**Like:** clojure, php, couchdb, security-roles, backend

**Dislike:** redis, perl, visual-studio, windows, c#

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## Experience

**Software Engineer, System Administrator** – progamingtours.net via E-lance.com

*October 2012 - Current*

- Programmatically retrieve statistical data from LoL videogame using PHP, Java, Clojure, MySql, and CentOS
- Programmatically retrieve statistical data from DOTA2 videogame using Clojure, MySql, and CentOS
- Programmatically retrieve statistical data from StarCraft2 videogame using Clojure, MySql, and CentOS
- Install and configure backend components

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**Full-stack Developer** – dhaliwalservices.com via Odesk.com

*October 2012 - October 2012*

- Developing REST API
- Developing front-end and back-end with Clojure, Javascript, Html5, JQuery, MySQL, Php and Hiccup.
- Adding features to existing projects
- Porting features to new projects

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**Software Developer** – Chatsubo LLC

*April 2012 - July 2012*

- Developed an Apache style Awstats compatible middleware for Noir webserver
- Translated credit card processing from SBCL to Clojure Lisp
- Responsible for code cleanup, documentation, and creating database migration utilities
- Created frontend and backend unit tests using JQuery, JUnit, Clojure, and Leiningen-unit
- Developed Redis keyvalue store format conversion utilities
- Developed Trac XMLRPC backend to integrate customer support into the project management system

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**Software Developer, System Administrator, Database Administrator** – Allied Telesis Communications

*January 2011 - July 2012*

- Developed remote administration utilities
- Implemented frontend and backend automation programmatically
- Built DVBS/S2 HD Satellite receiver system from the ground up
- Integrated a network analysis system with MACCV billing system
- Integrated a website with Sphere 6 phone system
- Redesigned internal and external website (C#/ASP.net)
- Designed, developed, and maintained network statistics software using Python and Java
- Setup a Linux based IPTV headend converting Japanese and European Standards to American HD Standards
- Developed an automatic bootstrapping utility for modems
- Responsible for configuring and maintaining Linux/Unix systems and SQL databases
- Troubleshoot and resolve daily hardware and software issues

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**Computer Repair Technician** – Datos PC Repair

*August 2010 - January 2011*

- Performed diagnoses and repaired non-standard machines (Xbox 360, PS3, Wii, Cellphone etc..)
- Performed diagnoses and repaired both software and hardware issues (approx 25+ issues per week)
- Responsible for monetary transactions and administrative duties, such as schedule management
- Interacted with customers on daily basis, such as technical support, and information assistance
- Developed a SOHO for G4S Secure Solutions Japan K.K.

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**Security Consultant, Software Developer** – USOF Earth Video Game via odesk.com *November 2009 - December 2009*

- Found, exploited, and developed patches for both frontend and backend vulnerabilities
- Developed anti-cheating control systems with PHP and Javascript
- Developed game cheating tools with Perl and PHP
- Developed in-game cheating tools with Javascript
- Developed resource ranking gaming utilities.

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## Education

**(In Progress - 36 hours) B.S. Cyber Security** – University of Maryland Asia (UMUC Asia) *2008*

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## Certifications

**CCENT (CISCO ID: CSCO12027143)** *2011*

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**Security+ (Comptia Career ID: COMP001020158309)** *2010*

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**Network+ (Comptia Career ID: COMP001020158309)** *2010*

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**Comptia A+ (Comptia Career ID: COMP001020158309)** *2010*

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## Projects & Interests

**GitHub - runexec.github.com** – <https://github.com/runexec/runexec.github.com> *October 2012 - November 2012*  
javascript

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**GitHub - Monorail.js** – <https://github.com/runexec/Monorail.js> *March 2012 - September 2012*  
javascript  
Ultra lightweight MVC framework for Node.js  
Lead developer

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**GitHub - Movie-point** – <https://github.com/runexec/Movie-point> *March 2012*  
clojure  
Movie finder via relational ranking to separate the good from the bad.

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**Coderwall.com : Establishing Geek Cred** – <http://www.coderwall.com/>  
javascript, http  
Developed account stealing exploit. - Fixed by Bashir  
Developed team invite exploit - Fixed by Bashir  
Reversed & Cracked team invite algo mechanism - Fixed by Bashir  
Developed exploit to vote from other users accounts. - Fixed by Bashir  
Developed vote cheating exploit via css + js. - Fixed by Bashir  
Developed follower/ing exploit via markdown manipulation - Fixed by Bashir

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**iFLYER.tv (アイフライヤー)** – <http://iflyer.tv/>  
php, javascript, html  
Developed hidden voting (+1) exploit via img tags - Fixed by Malek  
Developed exploit to change account settings via img tags - Fixed by Malek  
Developed exploit to add items to personal storage via img tags - Fixed by Malek  
Discovered a way to bypass file size limits in personal storage - Fixed by Malek  
Discovered php, html, and js injection points in admin sections - Fixed by Malek