

RICCARDO JOHN MUTSCHLECHNER

Email: wowsuchricky@gmail.com

Phone: (920) 574-1375

GitHub: Ricky54326

EDUCATION

Master of Science, Computer Sciences

September 2015 - May 2017

- University of Wisconsin-Madison
- Selected Coursework: Advanced Operating Systems, Advanced Computer Networks, Computer Architecture, Distributed Systems, Multicore Programming

Bachelor of Science, Computer Sciences

January 2012 - May 2015

- University of Wisconsin-Madison
- Selected Coursework: Operating Systems, Computer Security, Digital Systems, Algorithms, Networks, Compilers and Programming Languages

PROGRAMMING LANGUAGES AND SKILLS

- Proficiency in software development using (in decreasing order of familiarity): C, Java, Python, Golang, C++, Assembly (x86, MIPS, MSP-430), Bash
- Proficient GNU/Linux, OS X, and Version Control (git, svn) user. Very familiar with Agile/SCRUM methodologies.

MAIN EXPERIENCE

Associate Software Engineer, Infrastructure/Platform

July 2017 - Present

Riot Games - Los Angeles, CA

- Full-time Engineer working with Golang and Docker. More info available upon request.
- Worked on a team to help deploy DC/OS (Mesos/Marathon) to all Riot datacenters worldwide in a repeatable and automated fashion.
- Primarily working on containerizing MySQL to allow any developer at Riot to push a button, and receive a fully provisioned database ready for use. These DBs will soon replace all of the League of Legends DBs, and will be used by 100M monthly active users.

Software Engineering Intern, Service Availability

Summer 2016

Riot Games - Los Angeles, CA

- Worked on a project to help automate the creation of League of Legends shards/regions, allowing more thorough testing before patches hit production. Primarily used Golang, Jenkins and Docker.
- Created an internal tool to help Riot's DNS entries match up accurately with FQDN/IP pairs of AWS instances, written completely in Golang.

Full experience available upon request.

PROJECTS

- *CTO and Founder of CryptoQuarry - Ethereum Mining Farm* Ongoing
 - *Performance and Entropy Analysis of ASLR Implementations* Fall 2015
 - *GitHub TODO Tracker - Python* Summer 2014
 - *Horton the Tweeting Plant - Arduino* HackMIT WUnderground Winner 2013
- All of this and more can be found on my GitHub repository: <http://github.com/Ricky54326>