

Grant SELTZER RICHMAN

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PROFESSIONAL SKILLS

Proficient: Go, C, Python, Java, Linux
Familiar With: Haskell, R, Bash, Javascript
Miscellaneous: Git, Docker, Vim, HTML, CSS, Sabermetrics

WORK EXPERIENCE

- MAY 2016 - **Red Hat** - Software Engineer Intern (*Container Security*)
present
- * Develop security enhancements for upstream software products that Red Hat supports, mostly related to containers such as Docker and Open Container Initiative software.
 - * Created and continue to support a tool/library for generating seccomp configuration profiles. Collaborate with small in-office and international team of engineers.
 - * Started as a summer intern but was asked to continue remotely throughout my final school year.
- OCT 2015 - **CommerceHub** - Software Engineer Intern
MAY 2016
- * Continued development on multiple Grails projects with small team of engineers.
 - * Carried out feature implementations and bug fixes to teams code base. Lead an effort to implement the Clover code coverage tool into all of the teams projects.

EDUCATION

- MAY 2017 **B.S. in Computer Science and Applied Mathematics** (*major gpa: 3.78*)
UNIVERSITY AT ALBANY, STATE UNIVERSITY OF NEW YORK
- PRESIDENT **Association for Computing Machinery (ACM)**
- * Organize and teach technical workshops on topics such as concurrency models, git, functional programming, or python data analysis.
 - * Raised over three thousand dollars for 3D printers and other maker equipment.
 - * Printed and assembled 3D printed prosthetic hands for children in need of them as part of the e-nable project.

OPEN SOURCE CONTRIBUTIONS

- OPENCONTAINERS **Runtime tools** *An OCI project for generating container configuration files.*
- * Wrote internal library for configuring the seccomp portion of the configuration file
 - * Added flags to the cli to allow for very tight control of the seccomp options.
- DROPBOX **Dbxcli** *A command line client for Dropbox built using the Go SDK*
- * Made many usability improvements for mirroring functionality of coreutil commands.
 - * Working with maintainers and other contributors on concurrency and performance improvements.
- UALBANY-ACM **ContainerTurnin** *A system for turning in programming assignments using containers*
- * Writing scripts for automating process of packaging student assignments into container images, sending them to instructors, and testing them on a grading system.
 - * Writing documentation and making a strong case to the computer science faculty for replacing the old and inconvenient turn-in system.