

# Grant SELTZER RICHMAN

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github.com/grantseltzer

## PROFESSIONAL SKILLS

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

## WORK EXPERIENCE

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- 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

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- MAY 2017 **B.S. in Computer Science and Applied Mathematics** (*major gpa: 3.78*)  
UNIVERSITY AT ALBANY, STATE UNIVERSITY OF NEW YORK
- AUGUST 2014 - **President - Association for Computing Machinery (ACM)**  
PRESENT
- \* 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

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- OPENCONTAINERS  
**Runtimetools**
- An OCI project for generating container configuration files.*
- \* Wrote internal library and api for configuring the seccomp portion of an OCI format container configuration.
  - \* Added argument options to the command line interface to consume the api and output seccomp configuration files.
- 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.