



Jerome Rasky

831 Bruce Drive
Palo Alto, CA 94303

jerome@rasky.co

<https://github.com/jrasky/>

Experience

Arrayent, Redwood City, CA Summer 2015

Intern/DevOps, full-time for a month and a half between school terms

Resolved production systems issues, instrumented health checks for critical services, wrote a Java tool to securely encrypt and upload production database backups to Amazon S3.

Gained experience with Cassandra, Elasticsearch, Amazon Web Services, private cloud systems, and various Linux utilities

NASA Ames, Mountain View, CA 2011–2014

Intern/Software Engineer, full-time during summers and quarter-time during the school year

Implemented RESTful Maps JS client and Django backend

Developed unit tests in parallel with development of Android app for lake survey

Awarded NASA Ames Honor Award in category of Group/Team

FRC Team 8 Robotics 2012–2014

Project manager for 2013–2014 season

BSA Troop 14 2011–2013

Patrol leader 2011–2012

Personal Projects

BIS

Search utility for bash history

Built with Rust, character-based heatmap search, asynchronous UI

Wash

Unfinished shell project, used to learn to use linux kernel APIs, how to build simple bytecode compiler

Built with Rust, somewhat used to learn Rust

Half2

Originally going to be a version-control system, but ended up being me learning to implement a b-tree

Built with Rust, learned about debugging using gdb, started to focus more on scale and performance

Technical Skills

Languages

Eleven years experience with Python

Major projects with Javascript, C, Rust

Worked with Java, C++

Experience with Bash scripting

Tools

Seven years using Linux as a daily driver

Significant experience with Git, Emacs, Bash

Major projects with Django, jquery, bootstrap

Experience with Android development tools

Objective

Computer science major pursuing internship in area of software and systems engineering

References

Furnished upon request

Education

University of British Columbia 2014-present

Vancouver, Canada

Pursuing Bachelor of Science in Computer Science

Expected graduation June 2018