Jerome Rasky
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https://github.com/jrasky/

Experience

Arrayent, Redwood City, CA Summer 2015
Intern/Systems Engineer, full-time for a month and a half between school terms
Resolved issues and performed maintenance of critical production systems
Gained experience with ElasticSearch, Amazon Web Services, 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