

Jerome Rasky

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Overview

Languages

Proficient

Java, JavaScript, Python, C11, Rust

Experience

C++17, Go, SQL, AMD64 Assembly

Frameworks

React, Redux, webpack, Android

Tools

Linux, git, Emacs, bash, nodejs, IntelliJ, Mocha

Skills

Systems, backend, frontend
DevOps, project management
12 years programming experience

Volunteering

UBC CS Student Society

Fall 2016-present

Vice President External, responsible for the yearly UBC Technical Career fair.

Involves directing a diverse, interdisciplinary team using effective coordination and communication skills.

FRC Team 8 Robotics

Palo Alto, CA 2012-2014

Project Manager

BSA Troop 14

Palo Alto, CA 2011-2013

Patrol Leader

Experience

New Relic San Francisco, CA Summer 2016

Software engineering intern working on the newly-launched Infrastructure product. Made significant contributions, both on the frontend and the backend, which enabled the team to meet critical milestones.

Arrayent Redwood City, CA Summer 2015

Devops intern managing a large deployment of production systems. Resolved issues in services with real-time availability requirements, and learned to effectively monitor large-scale infrastructure.

NASA Ames Mountain View, CA 2011-2014

Personal Projects

BIS2 evented UI, multithreaded, command-line

Terminal history search, using fuzzy matching. Improves over the search interface in bash with better matching and a better UI. Has become something that I use everyday as an integral part of my workflow.

Kernel systems, algorithms, memory management

OS kernel research project, focusing on some ideas I have about operating systems. Prompted by a desire to learn more about operating systems and hardware.

FLX fuzzy search, optimized, backend

Highly optimized fuzzy string search library, used as the backend for BIS2. Based on a general-purpose algorithm to make smart guesses about which of a set of results is the best.

Education

The University of British Columbia 2014-present

Pursuing BSc in Computer Science
Expected graduation June 2018