# Jerome Rasky

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## Experience

### New Relic San Francisco, CA Summer 2016

Made significant, critical contributions to the newly-launched Infrastructure product, working closely with my team as well as others to meet critical milestones.

### Arrayent Redwood City, CA Summer 2015

Managed and resolved issues with critical production systems with real-time availability requirements. Learned to effectively instrument and monitor cloud infrastructure, both with cloud providers like AWS and locally, on the metal.

### NASA Ames Mountain View, CA 2011-2014

Worked directly with scientists to develop custom-built tracking solutions as part of a larger software engineering team. As my first paid position, working at NASA was crucial to developing a professional work ethic, and shaping my skills and communication as a team player.

### FRC Team 8 Palo Alto, CA 2012-2014

### BSA Troop 14 Palo Alto, CA 2011-2013

## Education

### The University of British Columbia Vancouver, 2014-present

Pursuing Bachelor of Science in Computer Science Expected graduation June 2018

## Personal Projects

I always look for ways to deepen my understanding of computer science, and personal projects provide the perfect opportunity.

### BIS2

This bash history search project is something I use every day. It matches a frontend to a fast fuzzy search algorithm to make for a better search interface for command history in terminal.

### Kernel

Curiosity, and the desire to know how things work drive my interests in a major way. Kernel is my effort to build an OS kernel how I wish they could be, with a focus on transactions and modularity.

### FLX

Fast, full-text search is a very important feature of many of my workflows. FLX is a general-use full-text search algorithm, which scores any number of lines of text based on an input query. It is great as a highly-optimized backend to BIS2, searching up to a million lines in under a second.

## Skills

Twelve years of experience in software engineering, including as a team member in many different situations.

Diverse work with projects using many industry-tested tools and frameworks, such as Spring, React, ElasticSearch.

Deep interest in cutting edge technologies, such as ES6, C++17, and Rust, and a desire to further my understanding whenever possible.