

# JAKE COOPER



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## EXPERIENCE

### Latitude Geographics Ltd - QA Analyst

May 2014 - August 2014

- Built an extensible framework to manipulate test data using the TestRail API and a variety of libraries.
- Developed an application capable of automatically creating sanity tests, mass editing attributes, and running tests on multiple platforms simultaneously.
- Created a utility capable of identifying unused photos in a database, resulting in a memory savings of 35%.
- Imported, created, and refactored numerous tests for many new and existing projects.

### Inuktun Services Ltd - Robotics Kit Technician

Summer 2012 & 2013

- Used excel equations and Regex to assure parts were ordered and kits could be assembled.
- Managed a 6000 part inventory of robotics equipment.
- Created parts kits for assembly of cameras and UAVs using blueprints.

## SKILLS

### Languages



PYTHON



JAVA



C



HTML



CSS



JAVASCRIPT

### Frameworks/Tools

Tk

TKINTER



ADOBE SUITE

Re

REGEX



VISUAL STUDIO



ANDROID STUDIO



BOOTSTRAP

- **Object Oriented Design:** Worked extensively with objects in class, in development, and on projects.
- **Algorithms and Datastructures:** Advanced knowledge of datastructures, their runtimes, and their applications
- **Development Methodologies:** Scrum/Agile
- **Familiar with:** JIRA, TestRail
- **Bilingual:** Fluency in French and English.

## EDUCATION

### Bachelor of Engineering - Software Engineering, UNIVERSITY OF VICTORIA

September 2013 - Present

GPA: 7.0/9.0 or 3.7/4.0. Expected graduation date of December 2017.

Affiliated Clubs: UVic Aero, Engineering Student Society, The UVIC Programming Club.

## PERSONAL PROJECTS

- **Utilized Android Framework** to present a game concept at EA CodeWars.
- **Proposed an app design** which made it to the regional finals for a city wide proposal.
- **Generated a five digit profit** by identifying an e-commerce demand for virtual items and leveraging said demand into a business.
- **Engineered a portable Nintendo 64** from an N64, a portable display, and lithium polymer batteries.
- **Delivered medical and school supplies** to African children in Senegal.
- **Ran an online fundraiser** that generated over \$5,000 to aid people affected by the 2011 Japanese tsunami.

## INTERESTS AND CLUBS

### UVic Aero - Software Developer

- Worked on a Spectator Client which uses Javascript and the Google Maps API to show in-flight information about our UAV system.

### Engineering Student Society - Director of IT

- Maintained the locker registration which uses PHP and SQL to assign lockers to students as they are requested.
- Maintained the student server and website.

### Other Activities

- In my spare time I enjoy rock climbing, reading, and pursuing personal programming projects.