



# BRIAN BANCROFT

DEVELOPER,  
GEOSPATIAL PROFESSIONAL

## PROFILE

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Portfolio  
<http://brianbancroft.ca>

## SKILLS

JAVASCRIPT



RUBY



PYTHON



C/C++



BACK END DEV.



FRONT END DEV.



CALCULUS



LINEAR ALGEBRA



## SOCIAL



[ca.linkedin.com/in/geobrian](https://ca.linkedin.com/in/geobrian)



[@brian\\_bancroft](https://twitter.com/brian_bancroft)



[brianbancroft](https://github.com/brianbancroft)

## EXPERIENCE

Oct 2014 -  
Mar 2016

### *Field Controller, Sight Surveillance*

Field-based mapping and radio management

- Created daily-changing operational maps for an oil and gas projects using ArcGIS
- Worked alone to maintain and troubleshoot to a large radio network used by field operators in a Winter Drilling or emergency response environment
- Tracked, monitored and carried out analysis on individuals using a real-time GPS position feed provided from the above radios

Jan 2014 -  
May 2014

### *Library Technician, University of Ottawa, Geographical Statistical and Government Center*

Front-end client service and support for library users, special projects in support of subject librarians

- Automation of large-scale georeferencing and file preparation for online distribution using Python
- Assistance with students and university staff in seeking and acquiring data through multiple sources

Nov 2012 -  
Sept 2013

### *Geophysicist's Assistant, Natural Resources Canada (FSWEP)*

Carrying out research and field tasks under direct supervision of a Geophysicist researcher

- Magnetotelluric modelling, writing results and providing advice based on results
- Drafting and submitting results successfully through a peer-review process (Open File 7549)

## EDUCATION

Sept 2009 -  
Dec 2013

### *Hon B.Sc, Double Major (Physics, Geomatics)*

University of Ottawa

Cartography, Databases, Linear Algebra, Multivariable Calculus, Differentials, Particle Mechanics, Waves and Optics, Electrodynamics, Thermodynamics, Geomorphology, Natural Resource Management, Impact Assessments, Geospatial Problem-Solving

Mar 2016 -  
May 2016

### *Web Bootcamp*

Lighthouse Labs Toronto (May 2016, 2 months)

Ruby, Javascript, Front-End Development, AngularJS, Backend Development, Rails, node.js. AJAX, API's, object-oriented programming, recursion.

## CERTIFICATION, AWARDS

*Chief Scout's Award, 1999*

*Canadian Forces Decoration, 2013*

*ESRI Certification - Desktop Associate, 2016*

## DEVELOPMENT - BRIANBANCROFT.CA

Examples of projects available at **brianbancroft.ca** include:

**Rotten Mangoes - Backend**

RAILS

ERB

RUBY

**UK Crime Webmap - Frontend**

JS

AJAX

BOOTSTRAP

**Map Georeferencing - Backend**

PYTHON

ARCGIS