



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



[@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 modeling, 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