



## BRIAN BANCROFT

DEVELOPER,  
GEOSPATIAL PROFESSIONAL

### PROFILE

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2206-300 Antibes Dr  
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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



brianbancroft

"I am a budding Junior Developer with a passion for clean code, learning new concepts, data-mining, front-end development and process-automation. Before switching to development, I worked long and hard in the Communications Branch of the Military, followed by the Geospatial Industry. My education background was in Physics and GIS before joining a development bootcamp recently. I seek to grow as a developer so that I can become a specialist in GIS Development. On my own, I draw, read essays, write articles, and go on long hikes."

## DEVELOPMENT - BRIANBANCROFT.CA

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

Get my MP - Backend

NODE

POSTGIS

KOA

UK Crime Webmap - Frontend

JS

AJAX

BOOTSTRAP

Map Georeferencing - Backend

PYTHON

ARCGIS

## 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

- Magneteotelluric 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