BRIAN BANCROFT

DEVELOPER, GEOSPATIAL PROFESSIONAL

PROFILE

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2206-300 Antibes Dr
Toronto On

Phone
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Email
hello@brianbancroft.ca

Portfolio
http://brianbancroft.ca

SKILLS

JAVASCRIPT

ARCGIS

PYTHON

DATAVISUALIZATION

CARTOGRAPHY

REMOTE SENSING

CALCULUS

TOPOLOGY

ca.linkedin.com/in/geobrian

@brian_bancroft

brianbancroft

"I am currently a Junior Developer with a passion for 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 in the Oilsands. My education background is in Physics and GIS. I seek to grow as a developer so that I can become a specialist in GIS Development. On my own, I draw, teach, read essays, write articles, and go on long hikes."

PORTFOLIO - BRIANBANCROFT.CA

Examples of projects available at brianbancroft.ca include:

Topographic Map - BC	ARC / DATA / CARTO
Get my MP - Backend	NODE / POSTGIS / REACT
Condobees - Fullstack	VUE / MAPBOX / DATAVIZ
Map Georeferencing - Scripting	PYTHON / ARCGIS

EXPERIENCE

May 2016 - Present

Web Developer, What to Do Company (w2d.co)
Full-Stack Production Web Development
- Development for client websites using a stack which includes Ruby on Rails (4/5), Vue.JS, PostGIS, PostGres, Vanilla JS, SASS, Pug
- Deployment of site onto Ubuntu Server using Webpack
- Creation and consumption of Web APIs

Oct 2014 - Mar 2016

Field Technician and Lead Mapper, Integrity North
Field-based mapping and radio management
- Created daily-changing operational maps for oil exploration.
- 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 Geophysicst 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

CERTIFICATION, AWARDS

Chief Scout's Award, 1999
Canadian Forces Decoration, 2013
ESRI Certification - Desktop Associate, 2016