



# BRIAN BANCROFT

SOFTWARE DEVELOPER,  
GEOSPATIAL PROFESSIONAL

## PROFILE

### Address

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### Phone

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### Email

hello@brianbancroft.ca

### Website

bancroft.io

## PORTFOLIO ITEMS

(Demos on request)

### Topographic Map - BC

Cartography

Remote Sensing

### Wedding Invite App

Rails

CSS

### Destroy Money

React

Serverless

Stripe

### The Packrat

Next JS

Storybook

Prisma

### Local Event Website

Tailwind

Vite

Vanilla

I have been a software developer since 2016 with my current position focusing mainly on product in the startup and enterprise sectors on behalf of a consultancy. I seek my next challenge as part of a product team that seeks to solve one problem. Outside of software development I focus my time and energy on household projects and organizations at a local level, including search and rescue and annual town celebrations.

## RELEVANT EXPERIENCE

Oct 2018 -  
Present

### Level II Software Developer, Sparkgeo

Frontend-Focused Web Development

- Development of Fullstack UI/APIs in Node/React
- Creation of APIs/Lambda functions in Python for Geospatial Data Conversion
- Knowledge of Mapping and front end technologies
- Leading the first iteration of a company web guild to share ideas in the ecosystem and to capture weak signals
- Creation of tutorials on the company blog which lead on clicks
- Usage of cloud technologies in AWS and GCP including CDK

Apr 2018 -  
Oct 2018

### Software Developer, EQWorks

Full-Stack Web Development

- Development and deployment of mapping technologies with React, and Express on a serverless environment
- Moving the architecture away from Carto to serving own vector tiles

Apr 2017 -  
Apr 2018

### Intermediate Software Developer, CareerJSM

Full-Stack Web Development

- Development of APIs using NodeJS/Ruby on Rails and user interfaces using Ember JS
- Deployment using CircleCI to Azure and Heroku
- Creation of operational deployment procedures & feature toggling

May 2016 -  
Mar 2017

### Web Developer, What to Do Company (w2d.co)

Web Development and Document Automation

- Building APIs using Ruby on Rails and user interfaces using Vue JS
- Deployment of content through CLI using AWS
- Creation of procedurally-generated reporting documents
- Creation and consumption of web APIs including ArcGIS Online

Oct 2014 -  
Mar 2016

### Field Technician and Lead Mapper, Integrity Industries North

Field-based mapping, dispatch, radio maintenance and repair

- Daily-changing reference maps for oil exploration.
- Maintenance and manning of mobile detachment for O&G and Firefighting
- Real-time position tracking; Radio Dispatch Support

## EDUCATION

Dec 2013

### Hon B.Sc, Maj Physics, Maj Geomatics and Spatial Analysis

University of Ottawa

Linear algebra, multivariable calculus, differentials, particle mechanics, waves and optics, electrodynamics, geomorphology, natural resource management, impact assessments, geospatial problem solving

### High School

Reynolds Secondary (Victoria BC)

French immersion

## CERTIFICATION, AWARDS

Chief Scout's Award, 1999

Canadian Forces Decoration, 2013

ESRI Certification - Desktop Associate, 2016



[linkedin.com/in/brianbancroft](https://www.linkedin.com/in/brianbancroft)



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