

# Ansel Brandt

Montreal, QC

Vancouver, BC

[ansel@anselbrandt.com](mailto:ansel@anselbrandt.com)

---

## Profile

Web and mobile development with a focus on real time data visualization and IoT. Currently working on deep learning in Julia/Flux.jl and PyTorch, and monitoring with InfluxDB/Grafana.

---

## Skills

- Web app development in TypeScript, Go and React/Next.js/React Native
  - Interactive data visualization in D3
  - Mapping large datasets with Vector Tiles and Mapbox GL
  - GIS and GeoJSON spatial data analysis with Postgres/PostGIS
  - REST, GraphQL, gRPC, Protobuf, OAuth, Swagger API development
  - IoT, MQTT and real time data over Websockets, UDP, WebRTC, V4L2, FFmpeg, RTP
  - Deployment and local development in Docker
- 

## Experience

### **General Contractor — 2012-present**

- Involved in all aspects of development from property acquisition to delivery of finished product in Montreal, Eastern Townships and the Laurentians
- Responsible for commissioning environmental and engineering reports, managing permitting and production of design documents
- Produced detailed budgets and specifications based on cost constraints and performance requirements
- Managed and coordinated teams and trades in dynamic production environments

### **Staff writer and photojournalist, Hello West Travel, Vancouver — 2010-2011**

- Covered events, trade shows and issues of concern to the travel trade

### **Contributor and Food reviewer, Beyond Robson, Vancouver — 2009-2010**

- Freelance writer and photographer for Vancouver food and entertainment blog
- 

## Education

**McGill University** — B.Com in Quantitative Finance

**Emily Carr** — Certificate in Industrial Design

---

## Training

Cours de Réglementation de l'Ordre des Architectes du Québec — National Building Code of Canada and Quebec Construction Code

Chartered Financial Analyst Program — Level 2 Candidate