Ansel Brandt

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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