

# david wawryko

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## + summary

Code artist with a background in engineering seeking to develop your team's next project. Born with a strong eye for design and the ability to anticipate emerging trends in technology. Extreme passion for blockchain, music, and AR.

## + employment

**Barco** Montreal, QC  
Developer (Drivers)  
Jan. 2018 to April 2018

Developed drivers in Node.js for audio and video devices for Barco Overture  
Updated development environment and harmonization SDK for new drivers  
Collaborated with QA and Overture teams to fix bugs  
Setup, configured, and tested hardware devices for development

**HRVST** Montreal, QC  
Project Manager  
Nov. 2016 to Oct. 2017

Managed internal and external teams for all development projects  
Optimized processes and web development standards  
Developed high-quality eCommerce and WordPress sites using modern technologies  
Achieved Shopify expert status

**Government of Alberta (AFRRCS Project)** Edmonton, AB  
Test Engineer Co-op Student  
May 2014 to Jan. 2015

Developed the test procedure to analyze field data for a provincial radio system  
Created prediction coverage maps for the system using modelling software  
Setup and maintained the database of coverage test results for 330 sites  
Tested coverage and functionality of 12 radio sites throughout Alberta

**Teck Resources** Fernie, BC  
Electrical Engineering Co-op Student  
Jan. 2013 to Aug. 2013

Developed a new tracking tool for plant maintenance asset management software  
Controlled all aspects of electrical upgrade projects from scoping to completion  
Lead project risk assessment meetings to identify hazards and promote safety  
Improved plant maintenance department key performance indicator tracking

**Edmonton International Airport** Edmonton, AB  
Assistant Project Manager  
May 2012 to Aug. 2012

Organized and attended project progress meetings with business clients  
Informed contractors of airport procedures, safety policies, and permits  
Investigated work sites and resolved design and installation discrepancies  
Created scoping documents and project schedules

## + awards

French Ministry of Education · DELF B2 International French Award Jan. 2018  
Diploma in French Language Studies

Explore Canada Program · French-immersion bursary June 2015  
Intermediate-Advanced level

## + activities

Sofar Sounds Montreal · Event Planner Nov. 2016 to Current  
Organize monthly intimate concerts in unique venues

Pop Montreal · Venue Support Sept. 2017  
Promoted and helped organize concerts for emerging artists at both the 2016 and 2017 festival

Europe Backpacking Trip · WorkAway & Voluteering April 2016 to Oct. 2016  
Helped convert a medieval castle to a green building powered by solar panels and a water wheel in Chamberet, France  
Completed sentiment analysis on Brexit Twitter data and the 2nd referendum petition at the London Data Festival 2016  
Volunteered at the Tech Open Air 2016 interdisciplinary technology festival in Berlin, Germany  
Cultivated language and communication skills through contact with people from around the world

Mutek · Logistics and Venue Support May 2015  
Setup and teardown of interactive art installations at the Mutek 2015 festival

Hobbies Current  
Hockey, music, travelling, yoga, backpacking, ableton live, live coding, and guitar

## + education

Lighthouse Labs – Montreal  
Web Development Bootcamp 2017

University of Alberta  
Bachelor of Electrical and Computer Engineering 2015

## + projects

The Mix Jan. 2018  
Creates music playlists for physical spaces using the Spotify API when users authenticate with geolocation

Maplist.world Oct. 2017  
Create and share lists of maps from around the world and view them in AR

Tidal MIDI IAC Driver Sept. 2017  
Connects the SuperCollider SuperDirt synth, the TidalCycles live coding language, and Ableton Live through a MIDI IAC driver

Auberge Willow Inn Aug. 2017  
Informational website for the iconic 1820 Willow Inn in Hudson, QC

Au Bon Thé July 2017  
Buy local Quebec tea from a multilingual Shopify website that includes 100s of user reviews

Dogpack Jan. 2017  
Multilingual Shopify eCommerce site with unique checkout flow, advanced custom app stack, and Twilio API text notifications

Automatic Guitar Tuner April 2014  
ECE 492 final group project – automatic guitar tuner powered by Eleven Engineering's XInC2 microcontroller

## + skills

TOOLS	DEVOPS	APIS
NodeJS	macOS	Google Maps
React	Ubuntu	Google Places
Express	Windows	Twitter
Haskell	Asana	Facebook
Ruby	Jira	Instagram
Rails	PostgreSQL	Twilio
SCSS	MongoDB	Spotify
HTML	AWS RDS & EC2	Stripe
Matlab	Heroku	Github
C/C++	Basecamp	
Python	Confluence	
VBA	Docker	