

# Mike Powar

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## Education

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Vancouver, BC

University of British Columbia

Sept 2017-May 2021

- **Bachelor of Computer Science** (2021 expected Graduation)
- Undergraduate coursework: Music Technology; HCI; UI/UX; Algorithms; Web Applications; Computer systems (software architecture & operation systems); podcasting

## Technical Experience

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Projects:

- **Avotecado** (2019): Vote tracking web application where users can see how local politicians vote and use aggregation tools to see voting patterns and details. I focused on concept and use-case development, content research, and assisted with front-end React development.
- **HCI UBC project: Save-On-Foods** (2018): prototype development of online grocery shopping comparison tool. I conducted UX/UI research by conducting user interviews, cognitive walk-throughs and built paper prototypes.
- **Text-to-Speech Musical Composition** (2018): composed an electro-acoustic piece using Apple's text-to-speech in Ableton. Performed at Winter Bang! Electroacoustic Festival (Dec 2018). Track is posted on: <https://soundcloud.com/powars>
- **Eyemole-X: Emerging Media Lab UBC** (2018): a VR world that used player EEG data to highlight how in-synch players were with one another. I worked on prototype testing and concept development.

## Employment

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Operations Manager

Bill Power Trucking

January 2014-2018

- **Technical work:** built company website, accounts payable using quickbooks, led project to integrate GPS-tracking equipment with fleet vehicles, trained staff to use tracking software, and maintained fleet management software for company (used data to inform billing, increase employee productivity, and ensure security of equipment).
- **Management work:** managed a team of 15-20 employees, a fleet of heavy-duty vehicles, and a maintenance facility.

## Languages & Technologies

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- Java, Javascript, C++, React, MongoDB, Node, Express
- Visual Studio, Sublime Text, Adobe Xd, Reaper, Ableton