

Daniel Israel

Software developer with experience in the web, apps, and machine learning.

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EXPERIENCE

React + React-Native Application Developer, University of British Columbia

May 2020 - PRESENT

- Completed React-Native front end from early stages of development for [PhoneMe](#), a social media poetry app available in both App Stores.
- Re-writing PhoneMe for web to improve costs and scalability using Google Firebase. [Demo](#).
- Managing updates, releases, and availability.

Tools: React-Native, React, Typescript, Firebase, Redux, REST, Node, npm, git, postgresql, Postman, Xcode, Android Studio, Linux, CSS, NextJS

JS Electron Application Developer, BARK Trading

Nov 2022 - Present

- Bug fixes, data redesign to improve costs and scaling, designing and supervising rebuild.

Tools: Electron, Javascript, Firebase, HTML, CSS

Machine Learning Analyst, EarthRise Media

May 2021 - February 2022

- Designed a two-model approach for detecting plastics in the ocean.
- Improved models by analyzing fail modes and updating training data accordingly.

Tools: Python, Sci-kit learn, TensorFlow, NumPy, Earth Observation

React Developer, ehsAI (coop)

September 2019 - May 2020

- Built and deployed a customer document portal in 2 weeks.
- Designed and implemented table building interface in a browser based pdf editor.

Tools: React, Preact, Typescript, SASS, HTML

PERSONAL PROJECT

3D Renders for Climbers

January 2023 - Present

- Using Three.js to render 3D models made using a drone to revolutionize climbing guide apps.
- [Proof of Concept](#).

EDUCATION

University of British Columbia Bachelor of Computer Science

September 2019 - May 2022

Data-Structures, Algorithms, Machine Learning, Computer Vision, Networking.

Concordia University Bachelor of Applied Human Sciences

September 2019 - January 2014

Dean's List, Research Assistant, Teaching Assistant.

SKILLS

React
React-Native
Typescript
Redux
Git
HTML
CSS

Machine
Learning

Object Oriented
+ Functional
Programming

Data Structures
and Algorithms

SQL

AWARDS

3rd Place BCS
hackathon 2019

Dean's list

LANGUAGES

Javascript,
Typescript,
Python, Java, C,
C++, SQL