

# 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](#): Reduced costs by over 99% and solved scaling issues.
- Managing updates, releases, and availability.

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

### JS Electron Application Developer, BARK Trading

Nov 2022 - Present

- Data redesign for improved costs and scaling, designing and supervising rebuild.

Tools: Electron, React, Typescript, Vanilla Javascript, Firebase, GCP, 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

Communication skills, 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