




# DANIEL ISRAEL

## SOFTWARE ENGINEER (SPEC. MACHINE LEARNING)

### CONTACT

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### EXPERIENCE

- Building Web and Mobile apps with React / React-Native.
- Building parts of Machine Learning Algorithms in Python / Numpy.
- Building FTP client and DNS lookup in Java.
- Previous degree heavily focused on communication and teamwork.

### RELEVANT COURSES

- SOFTWARE ENGINEERING (81)
- PROBABILITY (68)
- COMPUTER HARDWARE & OS (81)
- MACHINE LEARNING (82)
- INTERNET COMPUTING (72)
- INTERMEDIATE ALGORITHMS (CURR)
- COMPUTER VISION (CURR)
- COURSERA COURSE ON SQL

### EDUCATION

Bachelor of Computer Science (UBC) year 4  
2018 - exp:2021

- 3<sup>rd</sup> place in Machine Learning contest in course final exam.
- 3<sup>rd</sup> Place in program hackathon with Azure chatbot for connecting citizens to the government.

Bachelor of Arts in Leisure Science  
2009 – 2014

- Dean's list grade achievement.
- Represented department in research presentation contest.

### WORK AND PROJECTS

#### Social Media Spoken Poetry App – UBC

2020 summer – current (part time)

React Native app written in Typescript. I have been working on the poem creation flow: recording audio, selecting a position on the map, selecting a street view; as well as: the account settings page, a common app header, and navigation.

#### Frontend Developer – ehsAI

2019 fall (4 month coop)

Began the coop with a two week project to launch a website in React/Javascript for customers to upload documents for the company to process. Customers can dynamically change any of the fields and preview their documents. The 'portal' is still in use today and was delivered on time.

I then worked on improving an internal tool used by employees to correct the output of the company's algorithm. I added multi word selection, arrow key navigation, action hot keys, a solution for a backend process problem, and made the editing session sharable by sharing the url. This was very useful for the team of people who use the tool to process documents. The tool is still in use and has now been released to customers.

#### Degree Planner – course project

2019 summer

Created a single page web app in React in a team of 3 for our degree program. Planned the interface, coded the business logic (assessing requirement completion based on courses completed), and implemented some of the layout. Tracked credits completed, exemptions, exemption replacements, requirements completed, and rendered degree status in an easy to digest format for users.