



# Helen Gezahegn

Student && Software Developer

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HelenGezahegn 

in/HelenGezahegn 

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## Education

**BSc. Computer Science**

**University of Alberta**

**April 2025**

Edmonton, Alberta

## Skills

**Proficient in** Agile, Git, React, Redux, ReactNative, Next.js, Vite, Python, JavaScript, TypeScript, SQL, MongoDB, Express, Node.js, Material UI, Semantic UI, HTML, CSS, SASS, Tailwind CSS, Travis CI, Circle CI, Jest, Enzyme, Netlify, & Vercel.

**Familiar with** C, Java, Dart, Flutter, Framer, Ember, Flask, Android Studio, Xcode, & LaTeX.

## Experience

Spent the [last 2+ years solo-travelling](#) to 30 countries, worked at 2 non-profits, & eager to intersect my passion for tech with the insights gained from my diverse experiences. Feel free to ask about my adventures!

**May 2019 - Dec 2020**

**Full-Stack Software Developer Co-op**

Edmonton, Alberta | Toronto, Ontario

**Intuit**

- Fully integrated & debugged an installment payment feature reaching 200K+ customers in QuickBooks Online (QBO) backend using Java.
- Wrote & debugged 250+ unit/integration tests, identifying longstanding UI & localization bugs using Enzyme, JUnit, Sinon, Mockito, & Chai.
- Entirely developed an analytics system that tracks 300K+ users & retention rates in QBO's Sales Tax Center (CA) & Invoice Customization (Global) using Amplitude, Segment.io, & JavaScript.
- Added 100+ analytic triggers, 25+ dashboards, and 90+ charts, Demoed it 3+ times to technical and non-technical audiences.
- Created an Intuit Developer Cheatsheet that became an official part of the Intuit onboarding training for full-time, contract, and intern employees.

**Web Developer Intern**

**July 2018 - August 2018**

**XIOT**

Cairo, Egypt

- Built 2+ web interfaces with HTML/CSS to send HTTP requests to test the efficiency, response/latency, & accuracy of data being sent to their IoT hardware, the xChip.
- Experimented with curl, JavaScript (XHR & fetch), Node.js, & Python to determine best performance for sending 10+ HTTPS requests.

**Machine Learning Fellow**

**May 2018 - June 2018**

**AI4Good**

Montreal, Québec

- Learned & applied fundamental concepts in machine learning & prototype development from Doina Precup & other experts.
- Started a dataset of Braille characters with a current size of almost 27K.
- Used Python, pandas, numpy, & pytorch to train a model that recognizes Braille characters with 97% accuracy
- Worked with tensorflow, ONNX, & caffe2 to convert the model to be integrated in an Android app.

## Passion Projects

**Travel Buddy**

**React, Redux, MongoDB, Node.js, Express, ReactRouter, Material UI | GitHub - [bit.ly/hg-tb](#)**

- A MERN social media app for wanderlust-driven globetrotters. You can post, have a feed, add/remove friends, & see profiles.

**Portfolio**

**React, Next.js, TypeScript, Tailwind CSS, Framer Motion | Website - [heleng.vercel.app](#)**

- A fully responsive portfolio web app that has light/dark mode themes, functional contact form, notifications, and animations.

## Volunteering (Ask Me!)

**Ada's Team President 35hrs/week**

**May 2017 - 2020**

**HackED Hackathon Organizer 300+ hours**

**August 2018 - 2021**

**Mentored for** Canada's Learning Code, DiscoverE, Technovation Challenge, Let's Talk Science, WISEST.