

# YONAE BEKELE

SOFTWARE DEVELOPER

## INFO

### PHONE

7809845705

### EMAIL

yonael@ualberta.ca

## LINKS

[Github: ybekele](#)

## SKILLS

Python

● ● ● ● ● ○

Django

● ● ● ● ● ○

SQL

● ● ● ● ● ○

GitHub

● ● ● ● ● ○

Docker

● ● ● ● ○ ○

React JS

● ● ● ● ○ ○

HTML/CSS/JavaScript

● ● ● ● ○ ○

REST API

● ● ● ● ○ ○

Java

● ● ● ○ ○ ○

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## PROFILE

I'm an inquisitive and goal-oriented Computer Scientist with a love for Natural Language Processing & Web Development. I have experience working in teams, as well as being the sole lead on projects.

## EDUCATION

### BSc Major in Computing Science, University of Alberta

Edmonton, Alberta

Sep 2016 — Dec 2019

Course work completed in Software Engineering, Software Process, Data Structures & Algorithms, Databases I, Games, Puzzles & Algorithms, Educational Technology, Web-Based Information Systems, and Natural Language Processing.

## EXTRA-CURRICULAR ACTIVITIES

### Research Developer, EdTeKLA Research Group

Edmonton

May 2019 — Present

- Under the supervision of Dr. Carrie Demmans Epp, my research includes assessing and gathering interesting data from online classroom discussion text using Natural Language Processing techniques such as sentiment analysis and latent semantic analysis.
- Using Docker to set up and deploy secure databases on an Ubuntu server for lab projects.

## EMPLOYMENT HISTORY

### Research Assistant, University of Alberta

Edmonton, Alberta

Jul 2019 — Present

- Developing a Chatbot to help families living with neurodevelopmental disabilities find the best information and resources available online. Collaboration between the Pediatrics & Computing Science Departments.
- My role includes using Natural Language Processing tools to automate annotation and tagging of resources, to best match individuals with resources in our database that fit their needs.
- Languages & Tools: Django, React Framework, MySQL, REST APIs, NLTK

### Web Developer, University of Alberta

Edmonton

Jan 2019 — Jul 2019

- Developing an Online Video Interview System for the Faculty of Occupational Therapy under the supervision of Dr. Eleni Stroulia. Using Natural Language Processing techniques to create unique online interviews for each candidate based on experiences.
- Languages & Tools: Django, HTML, CSS, JavaScript, MySQL, REST APIs, NLTK, spaCy