

# YONAE BEKELE

## Software Developer

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📍 Edmonton, AB

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🔗 [github.com/ybekele](https://github.com/ybekele)

## EDUCATION

University of Alberta

**Sept 2016 – Dec 2019 (Expected)**

📅 Edmonton, AB

BSc in Computing Science

Psychology Minor

## WORK EXPERIENCE

Research Assistant | University of Alberta

**June 2019 – Present**

📅 Edmonton, AB

itemize

Developing a Chatbot to aid parents with children dealing with neurodevelopmental issues through expert resources.

Team consists of Medical Researchers, Medical Doctors and Experts in the Computer Science Department.

Technologies: Python, Django, Django REST API, MySQL, ReactJS, HTML, CSS, and Javascript.

Software Developer | University of Alberta

**January 2019 – May 2019**

📅 Edmonton, AB

Built an Online Interview System for the University of Alberta's Occupational Therapy Department.

By using natural language processing, we were able to ask candidate-specific questions based on their CV.

Technologies: Python, Django, NLTK, MySQL, HTML, CSS

## RESEARCH

Research Developer | EDTEKLA Research Group

**May 2019 – July 2019**

📅 Edmonton, AB

Primarily doing DevOps by dockerizing existing databases and securely deploying on a server.

Research Topics Included: Natural Language Processing Educational Technologies

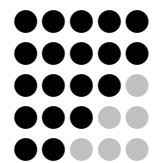
Supervised by Dr. Carrie Demmans Epp

## COURSEWORK

- Software Engineering and Project Management
- Web-Based Systems
- Data Structures Algorithms
- Database Systems I
- Natural Language Processing (NLP)

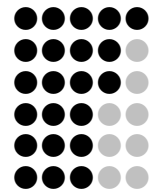
## LANGUAGES

Python  
HTML/CSS  
SQL  
Javascript  
C



## TOOLS FRAMEWORKS

Git  
Django  
REST API  
ReactJS  
Docker  
Natural Language Processing



## PROJECTS

### Friendzone (2019)

- A Distributed Social Networking Web Application where users are in control of their data.
- Technologies used include: Django, ReactJS, Python, MySQL

### Bro-Sessment (2018)

- Aimed to automate the assessment of camaraderie in online classroom discussion forums using Natural Language Processing Tools.
- Used sentiment analysis and latent-semantic analysis to gather data on on/off topic conversation
- Analyzed and processed thousands of post data, and ran statistical analyses
- Technologies used include: Python, NLTK, PostgreSQL, Google Cloud Natural Language