

ALICE ZHANG

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EDUCATION

University of Toronto

2023 — *expected graduation*

Bachelor of Science — Cognitive Science Major, Computer Science Minor, Statistics Minor

SKILLS

Languages

Python, Javascript, SQL, Java, R, TypeScript, HTML and CSS

Frameworks/Tools

PostgreSQL, Express.js, React.js, Node.js, AWS, WebRTC, Git, Android Studio

Libraries

Socket.IO, Selenium, BeautifulSoup

EXPERIENCE

Liverton Hotels International Inc.

Jan 2020 - Apr 2020, Apr 2021 - Present

Software Developer and Researcher

Toronto, ON

- Fullstack developed a video call web app prototype using WebRTC and Node.js with AWS Transcribe and AWS Comprehend to detect conversation sentiments.
- Attended monthly meetings with the Co-founder to present and discuss project progress.

Committee of 100

Jan 2021 - April 2021

Data Engineer Intern

New York (Remote), NY

- Completely streamlined data obtaining processes that were previously done by hand.
- Worked closely with the lead data scientist in obtaining, cleaning and organizing data from websites, legal documents and PDFs and exporting them to CSV files.

The Cognitive Neuroscience Lab — University of Toronto

Jan 2020 - Aug 2021

Research Assistant

Toronto, ON

- Helped program interactive lab experiments using Python.
- Assisted resident graduate students with running their experiments.

PROJECTS

The Wormhole

2022

Github — Website

- A work-in-progress book cataloguer that helps users rate and review books. Made with React.js with a Node.js backend and a PostgreSQL database. Book data is retrieved using the Google Books API.

Social Robots

2022

Github — Website

- A web application that showcases an interactive game about robot morality. Made with React.js with a Node.js backend that keeps track of the user's name and character customizations. Deployed onto Heroku.

Slackie

2018

- Designed and developed an Android application that tracked time spent on 'unproductive' applications that won best beginner project at JAMHacks. Written in Java using Android Studio and Android API.