HAOYU ZHANG

**I’m a computer science graduate looking for job opportunities!**

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# EDUCATION / COURSES

## Bachelor in Mathematics and Computer Science

### McGill University

 2019

## Bachelor in Accounting

### Concordia University

 2023-

# EXPERIENCE

## University of Ottawa

### Software programmer

 Mai,2021 to December 2021 Remote Work

* I was given the task to implement a web scrapper to ﬁnd com- pany web pages from a list of one million company names and classify the found company websites into agriculture related or no-agriculture related.

## Concordia Student Success Center

### Tutor

 2019- 2020 Montreal, Canada

* I gave tutoring session for Calculus and linear algebra.

## McGill University

### Teaching assistant

 2016- 2018 Montreal, Canada

* I gave review session for Math 235. I graded home works for math 235, math223.

# SKILLS

* Languages: C, Java, Python, Ocaml, LaTex, Html, Css, JavaScript, Octave, Matlab, Jupyter notebook.
* Libraries: Keras, Tensorﬂow, NLTK, Pandas, Numpy
* Platforms/Web Framework/tools:Logism circuit design, Linux, Windows, Django,React, Express, Nodejs, Sublime Text, Atom, Unity Game Engine, Microsoft Visual Studio, Eclipse, Kali, Red- hat Linux. Windows Server 2003, vmWare, virtualBox.

# SCHOOL PROJECTS

### Simple Os shell

* Created a simple C-shell that accept commands from the users and perform basic shell scripting. It has the ability to remem- ber the 10 previously executed commands.
* It is writ en in C and operate on Linux.
* Libraries: common C Operating system libraries

### CPU(Von Newman Architecture

* Created a 8-bits register Von Newman Architecture CPU that can do add subtract jump operations using LOGISM.

### Web crawler

* Created web crawler using Java that can compute page rank of a small school web-page.

# PERSONAL PROJECTS

### Algorithm and Puzzle Solving

* Solving leetcode problems and display them on personal website
* Libraries used: Vis-network, Chart-js on Javascript

### Snake Game

* Developed a simple snake game that is popu- lar on website. It has music, sounds.
* Libraries: none – on JavaScript

Personal Webpage

* Display my biography
* URL: [Home page (zhaaaos.github.io)](https://zhaaaos.github.io/)