

Qianghao Ken Wu

I'm a student at Wilfrid Laurier University and the University of Waterloo studying Computer Science and Business Administration, and I am passionate about programming. I have experience in Python, ML, and several data-related libraries. I also know some front-end developing tools, including Angular and Typescript.

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EXPERIENCE

delphai, Berlin — Machine Learning Intern

May 2022 - August 2022

- Utilized spaCy and Python to develop a NER model for company names in Chinese
- Used Prodigy and Azure to create a larger dataset and some web scraping packages
- Hyper-tuned the model to maximize its performance using WanDB's sweeping function
- Explored several other models including Stanford Stanza and HanLP

SKILLS

Python 3
Tensorflow
Computer Vision
Natural Language Processing (NLP)
Pandas
Keras
spaCy

EDUCATION

University of Waterloo, Ontario, Canada — Bachelor of Computer Science

September 2022 - July 2027

Wilfrid Laurier University, Ontario, Canada — Bachelor of Business Administration

September 2022 - July 2027

AWARDS

President's Gold Entrance Scholarship
- Issued by Wilfrid Laurier University
Excellence in Computer Science 2022
- Issued by American School of Milan
Faculty Certificate of Achievements 2022
- Issued by American School of Milan
President's Award for Educational Excellence
- Issued by American School of Milan

PROJECTS

Facial Recognition Attendance Taker

This project aims to use a raspberry pi to automatically scan students' faces and keep a running record of the names of the students entering the classroom on time, tardy and absent. Ultimately, sending the list of students to the teacher for attendance.

Animal Crossing and Doom Classifier

In this project, I created a deep learning model to classify images to be animal crossing or doom related. This model probably doesn't have any real-world usage, but it's fun, so yeah.

LANGUAGES

English - Bilingual
Chinese - Native
Italian - Working Proficiency

London Bike Usage Regressor

I created a regression model predicting the number of bikes rented during a specific hour in London through information including temperature, wind speed, time, humidity, holiday, weather code, and season. This model will produce a numerical output predicting how many bikes will be rented.

CERTIFICATES

IITB Data Science Bootcamp - 4 Week Data Science Bootcamp

IITB Deep Learning Bootcamp - 4 Week Deep Learning Bootcamp

Introduction to Quantum Computing Completion

Machine Learning Zoomcamp Statement of Accomplishment

Certificate of Achievement - Ruby Plugin Development for the Open-Source Discourse Forum Platform