

YIHENG YAO

Currently pursuing a limited-enrolment five-year double degree program

SKILLS

Programming Languages:

Python, Java, Cypher, SQL, JavaScript, HTML, CSS

Technologies & Tools:

- Experience with Colab, Keras, Tensorflow, AWS, Azure, Docker, Neo4j, Jupyter Notebook, VS Code, Postman, spaCy, and Ulpath
- Familiar with web service protocols such as TCP/IP, HTTP

Frameworks:

Flask, React, Vue

EXPERIENCES

Software Product Prototyper Sep, 2019 - Dec, 2019

Deloitte

- Used Python to create a ML pipeline for document labels prediction including a NLP pipeline using spaCy and TF-IDF for data processing
- Migrated a local application to AWS using Docker and AWS services including transforming a Flask backend into serverless Lambda functions using API Gateway and Lambda
- Created Python scripts to create and maintain Neo4j graph database

RPA Developer Jan, 2019 - Apr, 2019

The Cooperators

- Improved and maintained an RPA (Robotic Process Automation) process called ClicAssure using Ulpath
- Maintained a CI/CD pipeline on Azure Jenkins
- Raised the success rate on this RPA process from 20% to 70%

Developer May, 2018 - Aug, 2018

Ministry of Government and Consumer Services (MGCS)

- Created change management request for IT changes
- Updated and maintained WIKI knowledge base site
- Managed document repository

EDUCATION

Wilfrid Laurier University

Sep, 2016 - present

- Bachelor of Computer Science

Wilfrid Laurier University

Sep, 2016 - present

- Bachelor of Business Administration

PROJECTS

Epiphron

A ML pipeline coded in Python that helps tax practitioners saving time on document labelling

A Nuclear Reactor Simulator

A simulation of a nuclear reactor with frontend made in GUI and backend coded in Java

ClicAssure

A RPA process made with Ulpath hosted on a virtual machine

ACHIEVEMENTS

- Wilfrid Laurier University President's Gold Scholarship, September, 2016
- Scotiabank International Entrance Scholarship, September, 2016

INTERESTS

- Designing posters using photoshop
- Travelling and taking photos
- Having different kinds of food from different countries and try to remake them by myself