

Qing Yu Lan

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EDUCATION

University of Toronto

2017 - 2022

- Specializing in Software Engineering, HB.Sc. Candidate
- Entrance scholarship for outstanding academic achievement
- CGPA: 3.40

SKILLS

Languages: Python, HTML, JavaScript, CSS, Java, Postgresql, C, Haskell, Bash

Frameworks/Tools: Django, Jira, Github, MongoDB, React, Node.js, F5 Load Balancer, Docker, Nginx

EXPERIENCE

IT Analyst (Co-op)

May 2019 - January 2020

TD Canada Trust - Toronto

- Provided support for web applications run on Linux servers
- Worked in a team and communicated effectively with others to triage and resolve complex software issues
- Assisted with patching and deployment
- Took the initiative to regularly update my team's documentation
- Took the initiative to create a Unix training guide for teammates and to provide training to new colleagues
- Designed and developed Python libraries to automate tedious tasks, improving the efficiency of my team by 50%

PROJECTS

The Cafe

January - April 2021

Academic Project

- Worked in a team of 3 to design and develop an Omegle-like application that allows users to connect to each other and communicate via text, audio or video
- Created the frontend using React and the backend using Express.JS
- Used PeerJS for peer to peer text, audio and video communication and Socket.io for matching users and creating rooms
- Deployed on DigitalOcean using Docker to containerize the frontend and backend and Nginx as a reverse proxy
- Link: <https://thecafe.ml>

SportsCred

September - December 2020

Academic Project

- Worked in a team of 6 to design and develop a Reddit-like social media app following the MVC architecture
- Created a fully functional backend and REST APIs using Django and made SQL queries to a Postgresql database using Django Models and Serializers
- Used agile methodologies to schedule the work and stored the code on a code repository using Git
- Link: <https://github.com/ricklan/project-lilypad>

Personal Website

September 2017 - Present

Personal Project

- Created a website using React to showcase my accomplishments during my time at University of Toronto
- Link: <https://ricklan.github.io/website/>