Rick Lan

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EDUCATION

University of Toronto   2017 - 2022
- Specializing in Software Engineering, HB.Sc. Candidate
- Entrance scholarship for outstanding academic achievement
- GPA: 3.43

SKILLS

Languages: Python, Java, C, Haskell, HTML, JavaScript, CSS, Bash, Postgresql, MongoDB
Frameworks/Tools: Jira, Git, Django, Flask, React, Vue, Node.js, Laravel, 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