INFO

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TECHNICAL SKILLS

LANGUAGES

Python
C++
JavaScript/TypeScript
HTML
CSS
SQL

FRAMEWORKS/TOOLS

Django
Angular
AWS
Docker
PostgreSQL
Clickhouse
Postman
Git

EDUCATION

UNIVERSITY OF WATERLOO

- Candidate for Bachelor of Applied Science
- Term Dean's Honor List (2018, 2019)

JENNIFER CHEN

Systems Design Engineering

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEERING INTERN   Sept 2019 - Dec 2019

Ratio.City (Toronto, ON)

- Standardized local development environments using Docker, decreasing on-boarding time by 95%
- Launched and maintained metrics dashboard on Superset increasing customer success effectiveness by 75%
- Created back end (Django, PostgreSQL) and front end (Angular) for new module to support company's geographic expansion

QA ANALYST   Jan 2019 - April 2019

Clearbridge Mobile (Vaughan, ON)

- Developed automated web and API testing frameworks in Selenium, Postman; increased testing efficiency by 30%
- Ensured timely release of apps with upwards of 10,000 users, including companies Purolator and ParticipACTION
- Performed 5+ demos to clients as part of iterative design process

PROJECT MANAGER   Sept 2018 - Present

Waterloop (Waterloo, ON)

- Planned and facilitated hyperloop meetings with 80+ students
- Selected and supervised co-op student; organized tasks, projects and one-on-one meetings throughout the term
- Collaborated in writing engineering design package selected by SpaceX as one of top 50 worldwide

PROJECTS

TRAVEL.IO   *Hack Western 2019*

- Developed web-app (HTML, CSS, jQuery) to allow for group planning of vacations
- Implemented sockets in Python backend for real-time planning
- Launched project on Google Cloud Platform

FARMCITI   *Hack Lassonde 2019*

- Developed Android app to reduce food-related waste
- Assisted in app screen designs and front-end development using Android Studio

TRASHBASE   *Hack the North 2018*

- Developed website to sort trash into appropriate bins
- Built database using SQLite