FAYE TAN

✉ jingfei.tan@mail.utoronto.ca 📞 (639) 317 - 8252

in faye-tan

 faye-tan

🏠 faye-tan.github.io

EDUCATION

Bachelor of Science in Computer Science
University of Toronto, St. George | *Sept 2017 – 2021*

▸ Selected coursework: Software Design, UI/UX Design, Theory of Computation, Algorithm Design and Complexity

EXPERIENCE

Software Developer Intern
Canadian Light Source | *May 2019 – August 2019*

▸ Independently executed **feature branch refactor** of data imports to support new model structures, reducing import time by **at least 60%** during migration of applications

▸ Created **REST API endpoints** for end-to-end integration between web applications and wrote **unit tests**

▸ Designed and implemented User Profile page following **UI/UX design principles**

▸ Engaged in code review lifecycle of **creating pull requests, communicating** and **demoing features** to stakeholders

PROJECTS

Lingle
Web Application

▸ Utilized **Machine Learning Google Cloud Natural Language API** to create a text analyzer that isolates key sentences and visually highlights their linguistic sentiment

▸ Developed with Python Web framework **Django** adhering to **Model-View-Controller (MVC)** architectural design pattern

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Android App

▸ Collaborated with friends by using version control **(Git)** to create single player arcade game app in **AndroidStudio**

▸ Exhibits Object Oriented Programming Principles and Design Patterns such as: **Model-View-Controller (MVC), Iterator** design pattern

SKILLS

Languages
Python
Java
C
HTML/CSS
SQL
Javascript
Racket

Tools & Frameworks
Git
Django
Android Studio
Docker

ACTIVITIES

Computer Science Student Union (CSSU)
Office Operations Volunteer
Sept 2018 - Present

AWARDS

University of Toronto
Scholar Award Scholarship

INTERESTS

UI/UX Design
Graphic Design
Avocados
Canoeing
Memes