

Celine Yau

✉ celine.yau@gmail.com | 🏠 <https://celine-y.github.io/> | 🔗 celine-y | in celineyau | Canadian | Eligible for EU Passport



Skills

Programming Languages

Python, Scala, Java (OO)

Frameworks

Django, React, Ruby on Rails

Data

R, Elasticsearch, Pandas, PostgreSQL

Environment

Linux/Unix, Android Studio, IntelliJ, GitHub, Agile Scrum

Education

University of Waterloo

Canada

MANAGEMENT ENGINEERING

French Language I Diploma

Studied the effectivity and optimization of complex systems with specialization in **data analysis, statistics and software engineering.**

EPFL

Switzerland

COMPUTER SCIENCE

Exchange Term

Experience

Coursersa

Mountain View, CA

Sep 2019 - Dec 2019

BACKEND SOFTWARE ENGINEER INTERN

- **Cut search querying time fourfold** achieved by migrating databases to AWS Aurora and Elasticsearch.
- Created Elasticsearch indexes with analyzers for searching in other languages.
- **Won Best-in-Show hackathon** prize which implemented Google's **AI voice cloning** paper from 20 sec. clip to output transcript audio.

Scala, Sumologic, Elasticsearch, Redash, Jenkins

Lifion by ADP

New York City, NY

Feb 2019 - May 2019

TECHNICAL PRODUCT OWNER INTERN

- Conducted user interviews to **determine requirements** of regression test suite and debugging tool.
- Triaged and investigated stakeholder support tickets which helped **prevent disrupting engineers'** development time.

Kibana, JIRA, Confluence, Agile Scrum

PagerDuty

San Francisco, CA

Sep 2017 - Dec 2017

SOFTWARE ENGINEER INTERN

- Collaborated in **restructuring hierarchical structure to enable nested teams** and restricted permissions which involved pair programming, and automated testing.
- Implemented closure table pattern **to allow storing supplementary privacy information** between the relationship of two objects.

Ruby on Rails, Ember.js, Scala, Jenkins, Docker

Medlantis

Toronto, ON

May 2016 - Aug 2016

FULL-STACK DEVELOPER INTERN

- **Designed** a custom client requested **tool to help medical students** and professionals learn to locate tumors.
- Connected website to **Google analytics** to determine the **origin of the traffic** coming into the site and **turnover rate** from Google ads.

PHP, Wordpress, jQuery

Interests

Sports

Squash, Yoga, Bouldering

Music

Piano, Guitar, Violin

Art

Photography, Digital Art

Languages

Cantonese, French

Projects

Not Just Tourists

TECH LEAD

- Designing a system using SDLC methods to reduce administration workload and improve user engagement for delivering medical supplies to less developed countries.
- Set up infrastructure to allow team to easily start coding which includes local, staging, and prod environment.

React, Firebase, Google Appscript, JavaScript

yogiterre

ENTREPRENEUR

- Created an e-commerce shop; wore multiple hats as a designer, photographer, and programmer; also used facebook, and google analytics to optimize influencer and ad spending.

Google Analytics, Facebook Ad Manager