Iris Pan

(778) 770-4519 • catirissama@gmail.com • LinkedIn • Github • Profile

EDUCATION BACKGROUND

University of Alberta   Sept. 2015 – May 2019
Bachelor of Science   Edmonton, AB
- With specialization in Computing Science
- Relevant courses: Software Engineering, Web Applications and Architecture, Database

TECHNICAL QUALIFICATIONS

- programming languages such as **Java, Swift, Python**, **JavaScript, SQL**
- Tools: **Django**, **Android Studio, Spring Boot, Xcode**
- Environments: **Linux, Mac OS, Windows**
- Version control tools: **GitHub**

WORK EXPERIENCE

HSBC Bank of Canada - *Full Stack Engineer(Wealth IT)*   May 2021 - Present
- Converted existing **Experience APIs** (**Restful** and **SOAP**) from **Mulesoft** to **Spring Boot** which increased the overall efficiency for developers
- Developed **test cases** and **test plans** for the Experience APIs
- Migrated the Experience APIs to **Kubernetes on AWS**, Set up automated deployment with **Jenkins**
- Implemented important new customer facing features(news feed, trading, etc.) on **iOS** mobile app using **Swift** to attain approximate extra 15 - 20% of potential users
- Integrated **Frontend** and **Backend** to allow **Client side** of mobile app to fetch and use data from **Server side**
- Collaborated with **Quality Assurance** to debug and fix defects
- Assisted interns in the team to work on the project successfully
- Maintained **Git** workflows for version control, review and deploy code by following the **Agile** development cycle

PROJECT EXPERIENCE

Delivery - *Self-Project*   June 2020 - Aug. 2020
- Created a web app that allows a business to create menus and receive orders online using **Django**
- Designed the Storyboard that satisfied the client's requirements and database schema
- Used **REST framework** for REST API
- Worked on both **Frontend (JavaScript)** and **Backend (Python, SQL)**
- Set up an **AWS EC2** instance and deployed the app to the instance

Anatomy Pathway - *University of Alberta*   Oct. 2018 - Dec. 2018
- Developed a web app of anatomy quiz creator with image editor using **Django**
- Designed and documented the Use Cases and Storyboard
- Led the team (distributed tasks, planned schedule, etc.)
- Designed and documented UI and the UML diagrams, created model classes
- Worked on both **Frontend (JavaScript)** and **Backend(Python, SQL)**

ACTIVITIES

- 2021 HSBC Hackademy Winner - Team **Young & Supple** (B2C project)