

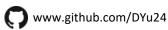
DEREK YU

derekyu624@gmail.com

May 2019 - Aug 2019

May 2018 - Aug 2018

in www.linkedin.com/in/derek-yu



WORK EXPERIENCE

Software Development Engineer Intern

Amazon, Vancouver, Canada

Member of the Alexa Timers team

 Implemented and delivered a new feature that allows customers to set named timers without specifying a duration on their Alexa devices.

<u>Technologies</u>: Java, Spring, AWS

Software Engineer Intern

Dott, Amsterdam, Netherlands

 Backend developer on the Platform team responsible for the core functionality of the ridesharing platform.

 Implemented support for vehicle parts management, impacting tens of thousands of scooters.

 Worked on initial payments system migration to third-party payments processor and helped to integrate the 3D-Secure protocol.

Technologies: Node.Js, TypeScript, Google Cloud Platform

Intern Programmer

Square-Enix Montreal, Montreal, Canada

 Worked as a fullstack developer on a web portal that allows development teams to track and manage games and metrics.

 Created a code and markdown generator tool to auto-generate an API (and documentation) of the backend services.

• Technologies: C#, ASP.NET, Angular, TypeScript

SKILLS

May 2020 – Aug 2020 Programming

JavaScript HTML
TypeScript CSS
Java SQL

Python

C#

Frameworks & Technologies

React Git
Angular AWS
Node.Js GCP
ASP.NET Firebase
Flask Android

Spring

Languages

English Cantonese

2016 - 2020 (Expected)

French

EDUCATION

Bachelor in Software Engineering

Concordia University, Montreal, Canada

Dean's List (GPA: 4.21/4.3)

• Relevant courses: Object-Oriented Programming, Data Structures & Algorithms, Architecture & Design

PROJECTS AND EXTRA-CURRICULAR ACTIVITIES

HackConcordia Director of Technology

2019 – 2020

 Responsible for the development and maintenance of various technologies used prior/during the ConUHacks hackathon (e.g. ConUHacks website, registration, event tracking and management app).

SmartBox at UOttaHack Hackathon

Feb 2020

- Worked in a team of 3 to develop an end-to-end delivery system with IoT smart boxes.
- Implemented backend server in Node.Js, web app with React, and message broker with Solace PubSub+.
- Winner of the Smart Delivery Track and Solace challenge.

Wikipedia Android App (Academic Project)

Jan - Apr 2019

- Worked in a team of 7 to develop unofficial features for the Wikipedia Android app.
- Features include: image search, browse by categories, note taking, chat

Clinic Booking App (Academic Project)

Jan - Apr 2019

- Worked in a team of 7 to develop a web app to book clinic appointments using React and Flask.
- Designed major parts of the system architecture with the inclusion of notable design patterns.

RUDating at HackRU Hackathon

Oct 2018

- Worked in a team of 4 to create a speed dating web application with React and Flask.
- Developed chatroom functionality with WebSockets.
- Integrated GCP Cloud Natural Language to analyze and extract sentiment from users' conversations.