# Roger Zhang
## Software Development Engineer @ Publicis Sapient

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## EDUCATION

**Bachelor in Software Engineering**
McGill University
*09/2017 - 05/2021*
*Montreal , Canada*

## TECHNICAL SKILLS

JavaScript HTML5

CSS3 Java C

C# Python SQL

Bash

## CERTIFICATES

Microsoft Azure Fundamentals (AZ 900) (10/2021)
*Certifies foundational level knowledge of cloud concepts and Azure services*

## LANGUAGES

French
● ● ● ● ●

English
● ● ● ● ●

Chinese
● ● ● ○ ○

## WORK EXPERIENCE

### Software Engineer
Publicis Sapient
*06/2021 - Present*                                          *Toronto, Canada*
*Achievements/Tasks*
- ☐ Worked as a full-stack developer on maintaining and developing new features for Marcus Invest, the Goldman Sachs automated investment tool.
- ☐ Currently developing new internal webtool for Goldman Sachs using React for the front-end and Spring / Reactive X for the backend.

### Software Engineering Intern
Publicis Sapient
*06/2020 - 08/2020*                                          *Toronto, Canada*
*Achievements/Tasks*
- ☐ Developped a Web application managing pickup deliveries for Loblaws Companies.
- ☐ Part of a team of 5 interns that built and deployed a fully functional front-end and back-end application in the span of 3 weeks.

*Contact :  Kelcie LaBella  - kelcie.bechely@publicissapient.com*

### Software Development Intern
Promine Inc.
*05/2019 - 08/2019*                                          *Quebec, Qc*
*Mining and Geology Software*

*Achievements/Tasks*
- ☐ Used Lisp and C# to create new Autocad commands and improve existing ones.
- ☐ Project lead for new underground navigation system, worked on both software and hardware.

*Contact :  Yvan Dionne  - ydionne@promine.com*

### Software Research Intern
Beihang University
*06/2018 - 08/2018*                                          *Beijing, China*
*Achievements/Tasks*
- ☐ Redesigned the UI of an android app using Android Studio. The app was designed to help doctors share interesting X-rays or ask for insights from their colleagues.
- ☐ Collected data for research in machine learning. The project implicated tensorflow implementation for learning image-to-image input-output pairs.

*Contact :  Dr. Anqiang Sun  - saq@buaa.edu.cn*

## PROJECTS

**NuHealth: Publicis Sapient Hackathon Finalist (04/2021)**
- ☐ A dual-purpose web app aimed at helping patient's manage access to their health information, and providing EMTs with crucial medical data.
- ☐ Built a sleek and responsive UI with NextJS, used Google Firebase to store user data, and deployed with Netlify.

**Parking Reservation Application (01/2019 - 05/2019)**
- ☐ Application allowing users to temporarily rent their parking spaces to other users. The project was developed by a team of 16 people utilizing the Scrum methodology. The back-end was developed using the Spring boot framework and the front-end utilizes React.

**McHacks Hackathon (02/2019 - 02/2019)**
- ☐ Took on the challenge of extracting medical data from an FHRI API and analyzing it. The core task was to identify users having diseases (such as diabetes and dyslipidemia) from the extracted data. We also tried building a React.js web front-end to display our results in a beautified manner.

**Carpool Application (09/2018 - 12/2018)**
- ☐ Application designed to allow drivers to post ads about trips they are about to make. Other users can look for rides going to their destination and reserve a seat. Database implemented using Hibernate and PostgresSQL. Back-end developed using Spring boot framework. Front-end implements an android application and a website.