



CONTACT

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EDUCATION

Computer Programming & Analysis Advanced Diploma

Seneca College - Toronto

GPA: 3.9/4.0

President's Honour List

Bachelor of Science in Biology

University of Ottawa - Ottawa

SKILLS

- Java
- Kotlin
- JavaScript
- C/C++
- C#
- Python
- PHP

TECHNOLOGIES

- | | |
|----------------------|----------------|
| • AndroidX | • MySQL |
| • Ionic | • PostgreSQL |
| • Firebase | • MongoDB |
| • React/React Native | • Gradle/Maven |
| • Angular | • Git |
| • Express.js | • Heroku |
| • Node.js | • Dagger2 |
| | • Ruby |

INVOLVEMENTS

Game Institute Jam Hackathon

May 2019

- Participated in the 2019 game development hackathon hosted by the University of Waterloo
- 48-hour hackathon with 100 + students and multiple sponsors
- Designed and built a 3D infinite runner game using Unity and C#

Felix (Xin Song) Zhang

Highly motivated professional with experiences seeking new challenges in App development through engaged critical thinking, detailed analysis and structured problem solving.

WORK EXPERIENCE

Full-Stack Application Developer

2019-Present

Palomino Systems Inc. Toronto, Ontario

- Developed customized subscription system for client using **Stripe API** and nightly scripts to manage renewals and process payments
- Developed high-end mobile web applications for clients using **Ionic, Android Studio and Xcode**
- Handled large-scale database migration/integration for Sterling Capital Brokers using **MySQL, PostgreSQL** and **Ruby**
- Full-stack web development using **MySQL, PHP and JavaScript**

Android Developer

2019

Muscle Labs Canada Ltd. Richmond Hill, Ontario

- Developed high-end, native mobile android application using **Android SDK, Java** and **Gradle**
- Application built to control motors and conduct diagnostics through Bluetooth and USB/RS-232 serial port connectivity
- Implemented features such as text/barcode recognition using **Google Mobile Vision API**, TTS voice recognition, digital signature, custom soft keyboard, photo capture and photo gallery module using **Camera2** and **Glide API**
- Conducted unit, integration and operational testing to ensure smooth deployment of the application
- Fully responsive and operational on multiple devices and versions

Freelance Android Developer

2018-Present

- Developed native android applications using **Android SDK** and **Gradle, AndroidX** and **Material Design**

PROJECTS

Password Generator Mobile Application

2019

- Visually minimalistic password generator that provides flexibility in password strength and length

Movie Search Mobile Application

2019

- Search application designed to filter results real-time and allows for multiple search strings at once

Currency Converter Mobile Application

2019

- Real-time FX converter built for android devices using Android Studio and Java that allows conversion between multiple currencies

Web Server Database

2018

- Full-Stack website developed using Express.js, Node.js, Bootstrap and PostgreSQL