



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 |

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

Application Developer

Sep 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**
- Full-stack development using **MySQL, PHP and JavaScript**
- Assisted in helping clients with troubleshooting and maintenance

Android Developer (Co-op)

Jan - May 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**
- Utilized **AndroidX** and **Material Design** to provide better UI/UX

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