

Haydn Wiese

SYSTEMS DESIGN ENGINEERING

EXPERIENCE

SOFTWARE DEVELOPER | [eBASE SOLUTIONS INC.](#)

May 2020 – Aug 2020 | Vaughan, ON

- Developed a mobile app using **React Native** and **Swift** that provides tune analysis of musical instruments
- Architected and implemented solution for B2B controlled substance ordering via **AS2** (with DEA/pharma industry compliance)
- Used **Node.js** to implement a series of x509 certificate and order validations
- Created a **Java service** leveraging Apache POI libraries to parse and split incoming Excel files for asynchronous processing

ANDROID DEVELOPER | [RBC](#)

Sep 2019 – Dec 2019 | Toronto, ON

- Developed various features in **Java** within the RBC Mobile app
- Worked extensively with **Android RecyclerViews, fragments and Retrofit**
- Delivered features at the pace of full-time employees in an **agile environment**
- Collaborated closely with business and design partners to iterate on requirements

PROGRAMMER ANALYST | [TELUS HEALTH](#)

Jan 2019 – Apr 2019 | Toronto, ON

- Integrated a **React Native** mobile application with Oracle Identity Manager for user authentication
- Developed a **Spring Boot** application with **Java** to serve as a **REST API** for the mobile application
- Created a **CI/CD pipeline** using **Docker** and **Jenkins** to compile the native application and upload the APK to a cloud service for multidevice testing

PROJECTS

NEW NIGHT | [ANDROID, SPRING BOOT, MYSQL](#)

- Developed an **Android** application in **Java** which helps users to pick a venue for a night out in Toronto
- Utilizes the Google Places API along with a **REST API** created using **Spring Boot**

STU-BUDGET | [REACT NATIVE](#)

- Used **React Native** to create a mobile application allowing co-op students to easily set and review budgets for work terms
- Leveraged **Firestore** to store data and **Redux** for state management

GITHUB ANALYZER | [IOS, SWIFT](#)

- Used **Swift** to create an iOS application allowing users to search for GitHub profiles and view a breakdown of their languages and repositories

CONTACT

GitHub: [haydnwiese](#)

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SKILLS

LANGUAGES

- Java • JavaScript • Swift
- C++ • HTML/CSS

FRAMEWORKS

- Android • React Native
- React • Redux • Spring Boot
- Node.js • iOS

TOOLS

- Docker • Jenkins • Postman
- Git/GitHub • Firebase

EDUCATION

UNIVERSITY OF WATERLOO

[BAsC IN SYSTEMS DESIGN ENGINEERING](#)

Expected graduation 2023

RELEVANT COURSES

Data Structures and Algorithms (C++)

Human Factors in Design

ACTIVITIES

Karate – Black belt in Goju-Ryu

Varsity Baseball

Downhill Ski Racing