

Hanson Chen

4th Year Computer Science & Business Administration Student

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Education

University of Waterloo

Candidate for Bachelor of Computer Science

Waterloo, Ontario

Expected Graduation 2021

Wilfrid Laurier University

Candidate for Bachelor of Business Administration

Waterloo, Ontario

Expected Graduation 2021

Work Experience

Software Developer @ RBC Financial Group

1/2019 – 4/2019

- Wrote and deployed changes to RBC's account open process to implement features and fix defects using **Java Spring**
- Modified the client open service to expand usability of the new account open process from 15 branches to 1000+
- Increased testing coverage through unit and integration tests, and BDD using **JUnit**, **Mockito**, **Selenium**, and **Cucumber**
- Implemented performance tests and service call mocks to simulate service requests using **JMeter** and **WireMock**
- Worked in an Agile environment and used code management tools such as **Git**, **GitHub**, **Nexus**, and **Jenkins**

Digital Marketing Intern @ Microdea

1/2018 – 4/2018

- Animated high-level 2D software explainer videos using Adobe Creative Cloud to increase website conversion rates
- Created marketing collateral for the launch of a mobile application in the App Store & Play Store to drive installations
- Designed and optimized web pages using Unbounce and HubSpot tools to meet SEO and conversion rate goals
- Assisted in the content creation, organization, and execution of all marketing campaigns, conferences, and webinars

Notable Projects

🔗 **Sorting Visualizer, Java, Swing**

Java app to visualize various sorting algorithms and compare algorithm runtimes and efficiency

🔗 **WhatsApp Clone, Java, Firebase**

Android instant messaging service developed using Firebase Authentication and Firebase Database

🔗 **Movies Database App, Java, Retrofit**

Android app in Material Design to discover popular movies, watch trailers, and read reviews

🔗 **Flappy Bird Clone, Java, libGDX**

2D endless side-scrolling Android game with collision detection and random level generation

🔗 **Tetris Clone, C++**

Tetris clone in terminal developed using object-oriented programming concepts

Skills & Coursework

Skills

Development: Java, C++, C, HTML, CSS, JavaScript, Spring, Swing, Firebase, Bootstrap, Agile, Scrum, Android Studio

Testing & Code Management: Test Automation, GUI Testing, API Testing, Performance Testing, Git, Nexus, Jenkins

Coursework

Data Structures and Data Management, Object-Oriented Software Development, Algorithms, Foundations of Sequential Programs, Computer Organization and Design, Algorithm Design and Data Abstraction, Optimization, Combinatorics

Awards

BDO New Venture Competition Semi Finalist, Wilfrid Laurier University

3/2017

KIK Case Competition Semi Finalist, Wilfrid Laurier University

11/2016