

# Daniel Choi // Software Developer

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## Skills & Abilities

- Programming Languages: Java, JavaScript, SQL, CSS, HTML.
- Framework and Libraries: React, Flutter, Firebase, Bootstrap, JSP/Servlet.
- Backend: Node.JS, Express, Spring Boot.
- Database: SQL, PL/SQL, Cloud Firestore.
- Working knowledge of Git, VS Code, IntelliJ IDEA, Android Studio
- Other: Figma, Adobe XD, OOP, JUnit
- Self-motivated, Fast Learner.

## Projects

### Single Parent Life App

Web App | 2022

SAIT Capstone Project

Designed and developed a dating application, using React, MySQL, Firebase and Java Spring Boot. Led the frontend team to create responsive web application that interacts with RESTful API.

### Portfolio Web Page

Web App | 2020

[PORTFOLIO 2022 \(daniel-choi.ca\)](http://PORTFOLIO 2022 (daniel-choi.ca))

Personal portfolio website. Static responsive web page written in JavaScript, CSS, HTML, designed with Figma. Implementation of micro-interaction for better UI & UX.

### Balance Game

Android App | 2019

[Balance Game - Apps on Google Play](#)

"Would You Rather..." game built for Android. Developed using Android Studio and implemented MVVM design pattern. With over 10,000 downloads, users can read and write data on Firebase.

### Tone Check

Android App | 2019

[Tone Check - Apps on Google Play](#)

Multiple audio tools written in Java for Android. Generates single or multiple frequencies and sine sweep for audio testing. Plays high quality White, Pink, Brown noise to burn in audio devices.

### Sound Level Meter - Noise Detector

Android App | 2019

[Sound Level Meter - Noise Detector - Apps on Google Play](#)

Android application written in Java that accurately measures the sound level using the built-in microphone. Displays current, minimum, maximum and the average sound level in decibels.

## **Hearing Age Test**

Android App | 2019

[Hearing Age Test - Apps on Google Play](#)

Android application written in Java, using Android studio. Generates tones ranging from 0 – 20,000 Hz to evaluate hearing age. Over 45,000 downloads to date with 4.3star rating.

## **Puppy Trainer**

Android App | 2019

[Puppy Trainer - Clicker and Whistle - Apps on Google Play](#)

Android application written in Java, using Android studio. Simple application to help train pets by generating clicking sounds and dog whistle.

## **Work Experience**

### **AGAT LABORATORIES | DEC 2019 – JUL 2021**

Lab Technician // Calgary, Canada

- Sample preparation and calibration of key laboratory equipment.
- Performed particle size distribution analysis by laser diffraction spectrometer, MBI titration, and sieve analysis with tight deadline.
- Assisted Lab supervisor with analysis report generation.
- Trained and demonstrated S.O.P. to other lab technicians.

### **ECO GREEN KOREA | DEC 2016 – MAY 2021 (FULL TIME / REMOTE, PART TIME)**

Assistant Manager // Seoul, South Korea

- Procuring and scheduling monthly shipment of scrap metal to China and Korea.
- Inventory management, generated weekly inventory & analysis report.
- Maintained an active channel of communication with International clients to fulfill their needs and cultivate a strong business relationship.
- Prepare export and import documentation.

## **Education**

### **DIPLOMA IN SOFTWARE DEVELOPMENT | APRIL 2022 | SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY**

- Design, development, implementation, testing of software systems user variety of programming languages (Java, JavaScript, PL/SQL, SQL)

### **BACHELOR OF SCIENCE IN CHEMISTRY | APRIL 2016 | UNIVERSITY OF CALGARY**