

# Damian Sandhu-Franceschi

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## Skills

**Languages** JavaScript · Java · C · HTML5 · CSS3 · Python · C#  
**Frameworks** React.js · Vue.js · React Native · Riot.js · AngularJS · Node.js  
**Tools** Git · Docker · Kubernetes · GCloud · Azure · AWS · Jenkins · CircleCi · Jira · Zsh · Gulp · Npm

## Experience

### Amazon.com Inc.

Vancouver, Canada

SOFTWARE DEVELOPMENT ENGINEER I

July 2020 - Present

- Member of the AWS Macie team

### Enlighted Inc.

Kitchener, Canada

SOFTWARE DEVELOPER

May 2019 - Aug. 2019

- Designed and implemented an Android application for viewing and manipulating a floor plan image using **React Native** and **Redux**
- Re-implemented a Kotlin application used for ground truth data collection in **React Native**. The app used a custom BLE Android library written in **Java**, which was designed to gather sensor position data
- Devised a list of features from multiple company applications and used them to create a requirements list for a single, combined application for sensor installation and calibration

### Groupby Inc.

Toronto, Canada

FULL STACK WEB DEVELOPER

Jan. 2019 - Apr. 2019

- Worked on multiple, customer facing online retail demo's using **Riot.js**, **HTML**, and **CSS**
- Implemented parts of an online grocery store proof of concept in **Riot.js**. It showed off features such as grocery delivery and brand sponsored grocery bundles. The demo was presented to the CEO who deemed it "Outstanding"
- Designed and implemented a new, lightweight deployment process for the Presales team using **Bash**, **CircleCi**, **Docker**, **Kubernetes**, and **GCloud**

### NCR

Waterloo, Canada

SOFTWARE ENGINEER

May 2017 - Dec. 2017, May 2018 - Aug. 2018

- Developed API's for branch management and check cashing transaction completion using **Java**
- Refactored a consumer check deposit API written in **Java** to fit new customer requirements and to improve transaction efficiency
- Participated in NCR's Global Financial Hackathon in 2017 and 2018
  - 2017, Integrated an analytics tool called Heap with NCR's sample teller app in order to get app use data and to create a teller favorites list
  - 2018, Developed a containerized application which intercepted outgoing calls to microservices and either redirected them to the microservice or sent a mock failure response back to the caller in order to allow failure scenario testing

## Projects

### How Much Do I Owe You?

Guelph, Canada

DEVELOPER

Jul. 2019 - Sep. 2019

- Created a web application for tracking purchases made between friends with **React.js** and **Redux**
- Featured a user and debt creation system as well as a detailed debt tracking page

### Ignore Webadvisor Cookie Limits

Guelph, Canada

DEVELOPER

Jun. 2019

- Developed a Google Chrome extension written in vanilla **Javascript** that allows users to bypass the University of Guelph's course selection systems cookie limit
- Currently has 73 active users and a 5 star rating in the Chrome Web Store

## Education

### University of Guelph

Guelph, Canada

BCH.CS BCOMP COOP COMPUTER SCIENCE

Sep. 2015 - Apr. 2020

- Graduated with Distinction
- Relevant Courses: Object Oriented Programming, Algorithms, Data Structures, Cloud Computing, Mobile Computing