# Damian Sandhu-Franceschi

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## Skills

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|---|---|
| **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

### 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
- Constantly expanded on a sample bank teller application to utilize latest backend changes in **AngularJS**
- Worked with containerized microservices running in a **Kubernetes** environment
- Participated in NCR's Global Financial Hackathon in 2017 and 2018
  - 2017, Integrated an analytics tool called Heap with NCR's sample teller app inorder 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 inorder 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
- Utilized Cookies and a Download/Upload data feature to allow users to maintain all data entered into the system

### 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 35 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