

# JOHNNY LEUNG

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## Skills

Languages	Java, HTML, Python, Racket, Kotlin, Javascript, CSS, C
Technologies	React, Android Studio, TD Da Vinci API
Tools	Git, Raspberry Pi, Maven, Node.js, Firebase

## Projects

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### Mapa (Hack the North 2019 Project)— *React, Javascript* Sep 2019

- Utilized TD's Da Vinci API, Firebase API, and Google Maps API to create a web-app with a heatmap for displaying transaction hotspots in Toronto.
- In charge of front-end, using React and Firebase retrieve and convert data generated from back-end.

### Blackjack Plugin — *Java* Aug 2019

- Minecraft plugin that allows the user to play Blackjack right inside of the game
- Used the Spigot API to access game methods and Vault API for incorporating plugin into a popular in-game economy
- Created a chip betting system using in game items

### Higher or Lower Card Game — *Kotlin, Java* Jun 2019

- Used Android Studio to program a higher or lower card game
- Utilized file writing in order to store game data on user device

### Raspberry Pi Temperature Sensor — *Java* May 2018

- Used Java to create a program that can remotely detect temperatures using Phidget sensors.
- Data is collected and transmitted to the Raspberry Pi, when then transfer data wirelessly back to laptop
- Implemented graphing system to graph out results and find averages, highs, and lows

## Work Experience

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### Lifeguard/Swim Instructor 2018 - Present *City of Burnaby*

- Duties included guarding, slide patrol, instructing swim lessons, and basic maintenance
- High-level of first aid training and knowledge to oversee patron safety and prevent hazards in the pool
- Provided exceptional customer service to patrons

### Merchandise/Cashier 2016 - 2018 *Shoppers Drug Mart*

- Duties include cashiering, stocking shelves, basic cleaning, and customer service
- Multitask between merchandising and cashiering as required by workflow

## Education

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### University of Waterloo 2019 - 2024 *Candidate for Honours Bachelor of Computer Science*