

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

Education

University of Waterloo
2019 - 2024

*Candidate for Honours
Bachelor of Computer Science*

Activities

Vikings Athletic Council
(2017-2018)

- Promotions team leader

Bantam Boys Rugby
(2017-2018)

- Assistant head coach

Provincial Election 2017
(2017-2018)

- Campaign aid

Awards

Athletic Service Award
Burnaby North Secondary
(2018 & 2019)

AP Capstone Diploma
CollegeBoard
(2019)

Projects

Mapa (Hack the North 2019) — 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.
- Developed the front-end portion of the project, using React and Firebase to 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, which then transfers data wirelessly back to laptop
- Implemented graphing system to graph out results and find averages, highs, and lows

Work Experience

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

- Taught swimming skills and safety to people of all ages (infants to adults)
- High-level of first aid training and knowledge and careful attention to detail to oversee patron safety and prevent hazards in the pool

Merchandiser/Cashier **2016 - 2018**
Shoppers Drug Mart

- Duties include cashiering, stocking shelves, basic cleaning, and customer service