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.
- 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

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