JOHNNY LEUNG

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Education

**University of Waterloo
(2019 – Present)
Expected Graduation 2024**
*Candidate for Honours
Bachelor of Computer
Science*

Technical 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

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 (Titles are clickable)

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
- Designed and implemented 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