# **Kevin Ge**

© 604-727-4028

⋈ kevin.ge@mail.utoronto.ca

in linkedin.com/in/ge-kevin
github.com/KevinGe00

which kevinge.ca

## **SKILLS**

Languages Java, Javascript, Python, C++, C, HTML, CSS

Tools/Technologies React, React Native, Node.js, Express.js, REST APIs, JQuery, Bootstrap, Git

## **PROJECTS**

## **Spotify Playlist Personalizer**

github.com/KevinGe00/SpotifyPlaylistPersonalizer

- Built a web app that generates personalized playlists directly onto user's Spotify library
- Filters an input playlist for songs by artists that the user listens to
- Built backend with Node.js and Express to retrieve data from Spotify's Web API services
- Developed front end with intuitive login sequence using JQuery and Bootstrap
- Implemented a secure **OAuth 2.0 authentication flow** to grant the app permission to user's Spotify data

## Robot Seed-Planter - Pueblo Science Hackathon Winner P

Link to news article about project

- Led a team of 3 to design and construct a robotic rover made to plant seeds at programmable intervals
- Built using a custom Arduino circuit board while the rover's functionality was programmed in C++
- Designed to promote STEM education in third world countries
- Winner and judge favorite at the Pueblo Science Hackathon for Science Education

## Find My SmartCar - UofT Hacks VI

github.com/KevinGe00/FindMyWhip

- Built a web app that helps connected car owners find their car using live location data
- Used Python and Flask as backend to fetch live data from SmartCar's API
- Used the Google Maps API and Microsoft's Azure CV API to enhance location description

#### **Desperado** – Android Game

github.com/KevinGe00/Desperado-AndroidGame

- Designed and developed an Android game in Java using the model view presenter design pattern
- Maintains a clean and highly extensible design by adhering to the SOLID principles of programming
- Worked in a team of 5 and used git as version control

## **EDUCATION**

## University of Toronto - St. George

Toronto, ON

Bachelor of Science, Computer Science Specialist and Statistics Minor

September 2018 - April 2022

Overall GPA: 3.46/4.0

(expected)

• Relevant Coursework: Software Design, Software Tools and Systems Programming, Data Structures and Analysis, Introduction to The Theory of Computation, The Design of Interactive Computational Media

## WORK/LEADERSHIP EXPERIENCE

## **University of Toronto Computer Science Student Union**

Toronto, ON

Orientation Leader

September 2019

 Led a team of incoming first year computer science students through various events of the computer science frosh orientation