

Kevin Ge

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SKILLS

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

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

PROJECTS

Spotify Playlist Personalizer

github.com/KevinGe00/SpotifyPlaylistPersonalizer

- A **web app** that generates **personalized playlists** directly onto user's Spotify library
- **Created an algorithm** that uses user's Spotify data to filter through an input playlist
- Set up backend with **Node.js** and **Express** to communicate with **Spotify's Web API** services
- Developed front end with intuitive **login sequence** using **JQuery**, **Bootstrap**, **HTML** and **CSS**
- Implements a secure **OAuth 2.0 authentication flow** to grant the app permission to end user data

Find My SmartCar – UofT Hacks VI

github.com/KevinGe00/FindMyWhip

- A **web app** that helps connected car owners find their car using **live location data**
- Provides a **user interface** that implements SmartCar's secure log in procedure
- Used **Python** and a **Flask framework** as backend to fetch live data from **SmartCar's API** services
- Utilized the **Google Maps API** and **Microsoft's Azure CV API** to enhance location visualization

Robot Seed-Planter – Pueblo Science Hackathon Winner

[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 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

RFID based Lottery Program

- A visually intuitive lottery program written in **Java** and uses **Swing GUI** for front end
- Program uses **file reading** to manage a collection of stored **RFID** tag entries
- Maintains a modular design by adhering to **object-oriented programming principles**

EDUCATION

University of Toronto - St. George

Bachelor of Science, Computer Science Specialist and Statistics Minor

Toronto, ON

September 2018 – April 2022

- Program GPA: 4.0/4.0 and Overall GPA: 3.56/4.0

(expected)

WORK/LEADERSHIP EXPERIENCE

University of Toronto Computer Science Student Union

CS Orientation Leader

Toronto, ON

September 2019

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

New College Student Council

Junior House Representative

Toronto, ON

September 2018 – April 2019

- Elected position responsible for working with a team to host social events for university residence floor