Kevin Ge

☎ 604-727-4028
🐙 github.com/KevinGe00
🔗 linkedin.com/in/ge-kevin
✉ kevin.ge @mail.utoronto.ca

SKILLS

Languages   Java, Javascript, Python, C++, 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** and **Bootstrap**
- 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

Desperado – *Android Game*   *github.com/KevinGe00/Desperado-AndroidGame*

- Designed and developed a multi-leveled **Android game** 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*
                                                                                (expected)

WORK/LEADERSHIP EXPERIENCE

University of Toronto Computer Science Student Union   **Toronto, ON**
CS Orientation Leader   *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   **Toronto, ON**
Junior House Representative   *September 2018 – April 2019*

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