KEVIN LEE

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in LinkedIn   ○ GitHub   🔗 Portfolio

TECHNOLOGIES AND SKILLS

- Proficient in using File I/O and GUI libraries in **Python** to create interactive user applications
- Ample experience with designing webpages and user interfaces with **HTML**, **JavaScript** and **CSS**
- Can seamlessly connect and contribute to projects with multiple teammates using **Git**
- Has worked with Machine Learning concepts and the **TensorFlow** Python library to build ML models
- Fundamental knowledge in other languages such as **C/C++** and **Racket**
- Fluent in English, French and Mandarin
- Capable and eager to rapidly learn new programming languages and environments
- Hard worker, not afraid to get their hands dirty and take on challenges for the sake of the team

PROJECTS

ProbaBall - Link

- **Python** web application that uses the **TensorFlow** Machine Learning library to build a deep learning model that predicts the outcome of NBA Games
- Makes use of six seasons' worth of game data and individual player stats to train the model to recognize factors affecting probability of winning
- Deployed to frontend using **Flask**, **HTML**, **JavaScript** and **Bootstrap**

GalactiColour - Link

- Web-based **JavaScript/HTML** game combining Asteroids, Space Invaders and Color Switch.
- Implements intuitive mouse and keyboard controls
- In-game features include collision, shooting upgrades, special abilities and interactive menus
- All music and textures created by group members
- Developed alongside two other teammates with extensive use of **Git**

SpikeStats - Link

- Interactive **Python** application that provides a grid layout of inputs to track stats of a volleyball team while spectating courtside
- Utilizes manipulation of user input and data structures to track each individual's stats
- Aided high school coaching staff with team analysis and finding important areas for practice
- Written with the **TkInter GUI** and **CSV Libraries**

WORK/VOLUNTEER EXPERIENCE

Personal Tutor

Freelance (September 2020 - Present)
- Tutored in Grade 11 Computer Science, Grade 12 Chemistry and Grade 12 Physics

Team Assistant

Iroquois Ridge HS (November 2019 - February 2020)
- Volunteered as a stat-taker to help find focal points for practice from game performances
- Created SpikeStats to streamline the stats process

Customer Service

Baskin Robbins (April 2019 - August 2020)
- Garnered experience interacting with clientele and developed an efficient work ethic in a team environment
- Maintained exceptionally positive relations with managers and coworkers

Kitchen Aid

Swiss Chalet (October 2017 - August 2018)
- Improved task management skills and poise in a fast-paced work environment

EDUCATION

University of Waterloo - Bachelor of Computer Science Class of 2025

- Achieved a 3.96 GPA and a Cumulative Average of 91.8% in Term 1A