Ian Yang

Email : iany.yang@mail.utoronto.ca

Mobile: 647-633-1122   Address : 232 Autumn Hill Blvd

EDUCATION

- **University of Toronto, St. George**   Sept 2015 - Present
  Candidate of HBSc, Double Major in Computer Science & Statistics - Class of 2020

SKILLS & PROJECTS

- **Skills**
  - **Spoken Languages**: English (Native), French (Immersion)
  - **Programming Languages**: Python, Java, C, SQL, R, HTML
  - **Technologies & Environments**: Git, Linux, MySQL

- **Projects**
  - **Foodiary UX/UI Project**
    - https://ianyyang.github.io/projects/foodiary/redirect
    - Produced hi-fidelity wireframe prototype to contribute to user-centered design efforts for Foodiary.
    - Conducted user research and usability tests to identify opportunities for improving Foodiary ease-of-use and user experience.
      - Creation of more intuitive navigation by eliminating misleading graphics and unnecessary clicks.
      - Completely new users completed all given tasks at an average of 4.375 actions (only 40% above the minimum actions required of 3.125) with an average of 3.075 seconds between each action.
  - **Berkeley Pac-Man Project**
    - Implemented several foundational artificial intelligence concepts such as informed state-space search, probabilistic inference, and reinforcement learning.
    - Automated a Pac-Man agent through an assortment of multi-layered puzzles providing different challenges requiring different goals.

EXPERIENCE

- **UofT Science Communication Club**   Jan 2018 - Apr 2018
  Web Developer
  - https://uoftscc.wordpress.com/
  - Designed the club official website from the ground up as well as maintained and updated it as per the weekly science postings and bi-weekly STEM postings.
  - Collaborated with design team to produce the visual aspects and overall design to their needs.
  - Generated an 81% increase in visits and an 223% increase in unique visitors within the last active month in comparison to the first active month despite a 45% decrease in content.

- **UofT Science Communication Club**   Sept 2018 - Apr 2018
  Writer & Editor
  - Develop exceptional written communication skills through writing and editing STEM related articles for the general public.
  - Collaborated with other team members to conduct analysis and gather data on the research of graduate students and professors.

- **UofT ACE Mentorship**   Feb 2018 - Aug 2018
  Student Mentor
  - Cultivated leadership skills by offering advice regarding the university application process, courses, networking, and university life in multiple one-on-one mentorship pairings.