

# Ian Yang

<https://ianyang.github.io>

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## EDUCATION

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

## SKILLS & PROJECTS

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### • Skills

- **Spoken Languages:** English (Native), French (Immersion)
- **Programming Languages:** JavaScript, Python, Java, C
- **Technologies & Environments:** ReactJS, MySQL, Git, Linux

### • Projects

- **Foodiary UI/UX Project**
  - <https://ianyang.github.io/foodiary/>
  - 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 average minimum of 3.125 actions) with an average of 3.075 seconds between each action.
- **Berkeley AI 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

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- **UofT Science Communication Club** Jan 2019 - Apr 2019  
• *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 a 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 2019  
• *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.