

Bowen Luo

Phone #: 647-806-8859 | Email: bowen.luo@gmail.com | Portfolio: <https://plopior.github.io/>

SKILLS

- 4 years of experience in **Java**
 - Proficient in **Python** and **Racket**
 - Working knowledge in **HTML** and **CSS**
 - Working knowledge in **Git** and version control
 - Fair exposure to Autodesk **Maya 2016**, **Visual Studio**, and **Microsoft Office**.
 - Languages spoken include English and Mandarin Chinese
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PROJECTS

- Java projects in Processing | *2 Player Snake Game, Flappy Bird AI*
 - Built user-interactive Java projects in the game engine Processing
 - Usage of class inheritance and keyboard input processing
 - Implemented effects of classical physics in object collision and gravity
 - English Detection Neural Network | *Neural net that guesses whether a word is English*
 - Developed a neural network in Python using the Numpy API to illustrate the results of machine learning
 - Demonstrates the concept of back-propagation in learning algorithms
 - Usage and manipulation of object instantiation and structures in the storage of individual neurons
 - Web Portfolio | *Web Portfolio*
 - Designed and developed a website using HTML, CSS and the Bootstrap API
 - Displays all aforementioned and several other projects at <https://plopior.github.io/>
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WORK EXPERIENCE

- McDonalds | *Crew Member* *October 2015 to June 2018*
 - Provided customer service on behalf of the McDonald's corporation including complaint handling, translations, and query response
 - Worked closely in a team environment, oftentimes teaching fellow co-workers from personal working experience
 - Upheld corporation standards in food and sanitation
 - City of Markham | *Lifeguard* *November 2016 to February 2017*
 - Catered to the visitors by answering queries and providing accomodation for those with specific needs on behalf of the City of Markham
 - Ensured poolside safety by supervising swimmers and convenience by resolving customer requests
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EDUCATION

- University of Waterloo | *Pursuing a Bachelor's of Computer Science*
 - Expected graduation: May 2023