

Peter Ma

TKS Innovator | Machine Learning Developer



 <http://peterma.ca/>  @PeterMa

 peterxiangyuanma@gmail.com

About Me

I am a 17 year old student living in Toronto Canada. I am passionate about using AI and machine learning to solve real-world problems. Currently, I'm diving deep into **researching, implementing, and coding machine learning models** in conjunction with various fields of astronomy, physics and math.

Skill



Machine Learning

Proficient with TensorFlow Keras and Pytorch
Implemented CNN's, LSTM's, DQN's, and NEAT's

I have web application that can classify tumours in microscope images running on TensorFlow.JS.

I also developed a NEAT model that trains iteratively evolving an agent to play tetris and train a computer to walk!
(Projects on my website <http://peterma.ca/>)



Software Development

Proficient in: Java, Python, HTML, CSS
Learning : JavaScript

Built a personal website with web applications within the site.

Created multiple machine learning models and completed computer science courses in school (Java).



Communication

Skilled in public speaking and published various articles on medium related to machine learning and personal development. ([Check website for details](#))



Graphic Designing

Skilled most adobe software : Ps, Ai, Pr, Ae, Xd
Experience in designing websites and various graphics

Contact

Address: Markham Ontario Canada
Phone Number: 647-535-0210

Education

○ The Knowledge Society

Innovator 2018-2019

Human development program geared towards helping me achieve my best.

○ DeepLearning.AI

Student 2019

Completed the coursera course on Deep Learning.

○ Unionville High School

Gr 11 Student 2016-2020

Human development program geared towards helping me achieve my best.

Interests

○ Mathematics

Extracurriculars such as Math Circles UofT and various math contests, has got me super interested in pure mathematics.

○ Visual Arts

As a hobby I love painting and expressing myself through my favourite mediums. I have been attending classes for 7+ years!

○ Astrophysics

I have always been super interested in the cosmos and I spend a great deal of time both studying astronomical events and tinkering with my telescope.

Reference

Paul Polsson : paul.poulsson@yrdsb.ca
(Comp Sci Teacher)