Victor Rong

vr011121@gmail.com
www.lessvrong.com

EDUCATION	*High School Diploma*	June 2019
	Marc Garneau Collegiate Institute, Toronto, ON, Canada	
	Bachelor's Degree	September 2019 - Ongoing
	Massachusetts Institute of Technology, Cambridge, MA	
	Double Major in Computer Science and Mathematics	
	Current GPA: 5.0	
	Expected graduation date: June 2022	

RELEVANT	6.034 - Artificial Intelligence, Fall '19	**A**
COURSEWORK	6.854 - Advanced Algorithms (Graduate level), Fall '19	**A**
	6.031 - Software Construction, Fall '20	**A**
	6.804 - Computational Cognitive Science, Fall '20	**A**
	6.837 - Computer Graphics, Fall '20	**A+**
	6.838 - Shape Analysis (Graduate level), Spring '21	**A**

SKILLS   *Languages, Libraries, Software, etc.*

C/C++, C#, Java, Rust, Python, PyTorch, Julia, OpenGL, WebGL, CSS, HTML, JavaScript

EXPERIENCE

MIT Undergraduate Research Opportunities Program   March 2021 - June 2021

Graphics and Machine Learning Undergraduate Researcher

- Under the guidance of Dima Smirnov and Justin Solomon, working on extending a deep learning framework for representing 3D shapes in a patch-based representation designed for CAD software

MIT Undergraduate Research Opportunities Program   January 2020 - Ongoing

Machine Learning Undergraduate Researcher

- Under the guidance of Tsui-Wei Weng and Luca Daniel, developing and analyzing algorithms for certifying adversarial robustness of neural networks

Uber ATG Toronto   Summer 2020

Research Intern

- Studied and implemented deep algorithms pertaining to 3D computer graphics

DMOJ: Modern Online Judge   2017 - 2019

Competitive Programming Contest Organizer

- Designed over 50 original competitive programming problems
- Produced 14 online contests and co-organized 2 onsite contests

AWARDS   USA Mathematical Olympiad Winner in 2017, 2018, 2019; Third Place in 2017

International Mathematical Olympiad Silver Medallist in 2017, 2018; Gold in 2019

International Olympiad in Informatics Silver Medallist in 2018, 2019

Putnam Competition Top 30 in 2019