

Matthew Choi

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Experience	Machine Learning Researcher	Jan 2020 - Present
	Alan-Aspuru Guzik Group, Toronto	
	My research interests are applying unsupervised learning methods to other fields of Science. Here is a paper I recently finished: https://journals.aps.org/prx/abstract/10.1103/PhysRevA.105.042403	
	Augmented Reality Application Developer	May 2020 – May 2021
	Modiface, Toronto	
	Front-end developer. Worked on embedding company facial detection models to production web applications. Coded in VueJs, HTML/CSS.	
	Computer Science Researcher	Aug 2019 - Apr 2020
	Dept of Computer Science, UofT	
	Implicitly Guiding CS1 students to Consider Analogous Problems. Supervised by Prof. Michelle Craig and Prof. Jennifer Campbell	
	Army Company Quartermaster	Feb 2015 - Dec 2016
	Singapore Armed Forces, Singapore	
	Specialist in Supply and Logistics. Awarded Best Commander of the Quarter May – Aug 2016.	
Education	University of Toronto	Sep 2017 - Apr 2022
	B.Sc Computer Science and Economics	
	Computer Science Major with a focus in Artificial Intelligence. Economics Minor.	
Projects	Guess the drawing – ReactJS picture passing online game with a MongoDB backend.	
	Spotlight Gym App – Social networking gym mobile app deployed on Expo with a SQL backend.	
Extracurricular	Curriculum Executive	Nov 2018 – Aug 2021
	Project Include, University of Toronto	
	Led a team of instructors who develop and present curriculum for coding workshops for children and teens in priority neighborhoods.	
	First-Year Learning Community Mentor	Sep 2019 - Apr 2020
	University of Toronto	
	A Computer Science Mentor for first-year students coming into the CS stream at the university.	
Skills	Python – Java – C/C++ – HTML/CSS – Javascript	

