

Kin Kwan Leung

CONTACT INFORMATION	LinkedIn: www.linkedin.com/in/kin-kwan-leung-5674a990/ Personal Webpage: kk-leung.github.io	e-mail: ma.lkkad@gmail.com tel: (647)824-6664
EDUCATION	University of Michigan, Ann Arbor <i>Doctor of Philosophy, Mathematics</i> - Thesis title: <i>Complex Geometric Invariants associated to Zoll Manifolds</i> Hong Kong University of Science and Technology <i>Master of Philosophy, Mathematics</i> - Thesis title: <i>A Study on Eigenfunctions and Eigenvalues on Surfaces</i> Hong Kong University of Science and Technology <i>Bachelor of Science, Mathematics; Bachelor of Science, Physics; Minor in I.T.</i> - Honours: First Class Honour University of Waterloo <i>Exchange Program</i>	2008 – 2014 2006 – 2008 2003 – 2006 2006
PROGRAMMING SKILLS	Languages: C++, Python, Java, HTML, Javascript, \LaTeX Machine Learning Packages: scikit-learn, tensorflow	
PROJECTS/ EXPERIENCE	Machine Learning - Currently participating in <i>Zillow Prize: Zillow's Home Value Prediction (Zestimate)</i> on kaggle.com . Explore various ways to perform machine learning. - Participated in <i>Carvana Image Masking Challenge</i> on kaggle.com . Used convolutional neural networks for image processing. Programming - Wrote a program in Java about visualizing a TimeTable for university students. Used object-oriented programming and designed a basic GUI. - Won Silver Medals (2001, 2002) and Bronze Medal (2003) for <i>Hong Kong Olympiad in Informatics</i> , Senior Group. Web Design - Designed the website for GradTONES, Graduate Students' A Cappella Group at the University of Michigan.	2017 2017 2005 2001 – 2003 2013 – 2014
COURSES	Online Courses - coursera.org Applied Machine Learning in Python; Bayesian Statistics: From Concept to Data Analysis; Introduction to Data Science in Python; Neural Networks for Machine Learning; Machine Learning; Neural Networks and Deep Learning; Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization; Structuring Machine Learning Projects - edx.org Machine Learning for Data Science and Analytics; Deep Learning Explained Relevant Undergraduate Courses - Distributed Computer Systems; Database Management Systems; Data Structure and Algorithms; Java Programming	2016 – 2017 2017 2003 – 2006
WORK EXPERIENCE	University of Toronto <i>Postdoctoral Fellow</i> - Performed research with Prof. John Bland on Zoll manifolds and Twistor Theory. - Taught intermediate mathematics courses. Classes are about 60-150 students. University of Michigan <i>Graduate Student Instructor</i> - Taught Calculus classes of about 30 students in an interactive classroom setting. - Awarded the <i>Department of Mathematics Outstanding Teaching Award</i> in May 2012. (1 award per year) Hong Kong University of Science and Technology <i>Teaching Assistant</i> - Held tutorial sections for classes of about 100 students. - Won the <i>Best TA</i> award in May 2007. (2-3 awards per semester)	2014 – 2017 2008 – 2012 2006 – 2008
LANGUAGES	Cantonese (native), English (Fluent), Mandarin (intermediate)	