

Maxwell Allman

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- EDUCATION**
- Stanford University** *2017–Present*
PhD, Management Science and Engineering
◊ Specializing in Operations Research
- University of British Columbia** *2013–2017*
Bachelor of Science (Honours), Mathematics
◊ Minor in Computer Science
- AWARDS**
- University of British Columbia** *2017*
Dr. R.D. James Medal in Mathematics
◊ Awarded annually to the highest-achieving graduating student in Mathematics
- RESEARCH**
- Stanford Management Science and Engineering** *Current*
Graduate Researcher
◊ Working with Professor Itai Ashlagi on mechanism design for two-sided matching markets with uncertainty
- Stanford Management Science and Engineering** *2017-2018*
Graduate Researcher
◊ Worked with Professor Aaron Sidford on designing a faster minimum mean cycle graph algorithm
- UBC Sauder School of Business** *2016*
Undergraduate Researcher
◊ Worked with Professor Tom McCormick on the complexity of a class of flow-networks
- UBC Mathematics Department** *2015*
Undergraduate Researcher
◊ Worked with Professor George Bluman on writing a new edition of his text Applications of Symmetry Methods to Partial Differential Equations
- UBC Mathematics Department** *2014*
Undergraduate Researcher
◊ Worked with Professor Richard Anstee on extremal set theory
- SKILLS & INTERESTS**
- Languages**
◊ Python, Matlab, R
- Research Interests**
◊ Mechanism design, algorithm design and analysis, optimization, machine learning
- Selected Stanford Courses Taken**
◊ CS 229: Machine Learning
◊ CS 229T: Statistical Learning Theory
◊ STATS 315B: Modern Applied Statistics, Data Mining
◊ CS 231N: Convolutional Neural Networks for Visual Recognition (Planned for Spring 2019)