



Maximilian Kahn

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Question

At Quest University Canada, all students must choose a Question which serves as a motivation for their undergraduate thesis.

- **What is Intelligence?**

Are contemporary machine learning algorithms really intelligent? Or, can they all be roughly reduced to glorified curve-fitting algorithms – and should we consider such algorithms intelligent? I am interested in the promise of artificial general intelligence and am excited about the philosophical and engineering challenges such a lofty goal presents.

Education

- **Quest University Canada (QUC)** **2015–(anticipated) 2019**
QUC is an innovative and interdisciplinary university, with self- designed majors and an academically demanding personalized education. Relevant courses I have taken include:
 - Machine Learning
 - Artificial Intelligence
 - Data Analyses Using R
 - Multivariable Calculus
 - Linear Algebra
 - Partial Differential Equations
 - Computer Programming
 - Computer Science

Technical Strengths

- **Programming Languages**
Proficient in Python, Rust, Java and Scheme.
- **Standard First Aid - CPR A - AED** **2018–(expires) 2021**

Experience

- **Peer-reviewer, QUC** **2018**
Peer-reviewer for QUC's academic journal, *Momenta*.

- **Peer-tutor, QUC** **Fall 2017–present**
Tutored students in Calculus 1, Multivariable Calculus, Mathematical Ideas in Finance, and Puzzles, Paradoxes, and the Infinite. Collaborated with other peer-tutors to implement a survey for the organization.
- **Technician, Reliable Corporation** **Summer 2017**
Worked as a technician repairing faulty circuits in small appliances. Transferred sales history from Netsuite to Shopify.
- **Student, East China Normal University** **Summer 2016**
Studied Mandarin at an intermediate level.
- **Student, Hong Kong Language School** **Summer 2015**
Studied Mandarin and Cantonese at a beginner – intermediate level.
- **Collaborator, QUC Art Magazine** **2015**
Created and submitted artwork to the QUC student-run art magazine. Collaborated with others on magazine layout.
- **Social Change and Youth Leadership Conference, University of Toronto** **2012**
Prepared a presentation on possible solutions to the female infanticide crisis in Asia with a group of other students and presented it to the SCYLC panel.

Academic Achievements

- **QUC Presidential Scholarship** **2015–present**
- **President's List** **2016–2018**
Awarded to the top 10% of the student body for outstanding academic achievement and contributions to the university.
- **3.82/4.00 GPA** **present**

Publications

- **Hoshino, R., and Kahn, M. Forthcoming. Predicting Unsolvable Deals in the Birds of a Feather Solitaire Game.** In *EAAI-19: Proceedings of the Ninth Symposium on Educational Advances in Artificial Intelligence*.

Talks

- **“Birds of a Feather: a perfect-information solitaire card game”, *Canadian Mathematical Association*, 7–10 Dec., Vancouver, British Columbia.**

References

- **Dr. Darcy Otto**
Mentor and Professor of Philosophy and Computer Science at QUC.
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- **Dr. Richard Hoshino**
Professor of Mathematics at QUC.
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- **Dr. Andrew Hamilton**
Professor of Physics at QUC.
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- **Dr. Luis Serrano**
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