Daniel Halpern

Citizenship: US, Canada
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Education

University of Toronto, St. George 2016-2020
Honours Bachelor of Science, Computer Science
Major GPA: 4.0/4.0, Cumulative GPA: 3.96/4.0

Work Experience

Research Intern June 2019 - August 2019;
Carnegie Mellon University
Pittsbourgh, PA

- Worked with Professor Ariel Procaccia
- Research in topics related to Algorithmic Game Theory

Software Developer April 2018 - Present;
CryptoNumerics
Toronto, ON

- One of first employees at startup working on machine learning and cryptography
- Leader of several small projects in Python, Java, and Javascript

Academic Achievements

University Of Toronto Scholar - Beatty 2019
$1500 given for academic achievement

C. L. Burton Scholarship For Mathematics And Physical Sciences 2019
$500 given for academic achievement

Dr. James A. & Connie P. Dickson Scholarship In Science & Mathematics 2018
$500 given for academic achievement

Alan Milne McCombie Scholarship 2017
$250 given for academic achievement

University of Toronto President's Scholars of Excellence Program 2016
$10,000 entrance scholarship given for outstanding academic achievement.

Papers

D. Halpern and N. Shah. Fair Division with Subsidy. *Proceedings of the 12th International Symposium on Algorithmic Game Theory (SAGT)*, 2019, pp. 374-389

D. Halpern, A. Procaccia, A. Psomas, and N. Shah. Fair Division with Binary Valuations: One Rule to Rule Them All. *In preparation*.

V. Gkatzelis, D. Halpern, and N. Shah. Resolving the Optimal Metric Distortion Conjecture. *In preparation*.