Hermish Mehta

University of California, Berkeley
Department of Electrical Engineering & Computer Sciences
Berkeley, CA 94720

(510) 703-4331
hermish@berkeley.edu
ocf.io/hermish

Education

University of California, Berkeley Berkeley, California [2021]
- B.S. Electrical Engineering & Computer Sciences; Engineering Mathematics & Statistics
- College of Engineering Dean's Honors list, 4.0 GPA

University of Toronto Toronto, Ontario [2017]
- Undergraduate Mathematics and Computer Science, 4.0 GPA
- Classes taken while at the University of Toronto Schools, high-school

University of Toronto Schools Toronto, Ontario [2017]

Publications

Asterisks indicate equal contribution.

Conference Papers

1. (Submitted) **Mehta, H.***, Dubey, R.*, & Lombrozo, T. (2018). Your liking is my curiosity: a social popularity intervention to induce curiosity. *40th Annual Conference of the Cognitive Science Society.*

Research Experience

Concepts and Cognition Lab University of California, Berkeley [2018]
- Studying curiosity as a psychological phenomenon and its interplay with an individual's social context
- Designing, administrating and evaluating web-based studies created with NodeJs, HTML and CSS
- Publication submitted to the 40th Annual Conference of the Cognitive Science Society

Computational Cognitive Science Lab University of California, Berkeley [2018]
- Studying rational models of curiosity and belief change to develop insights about cognitive phenomena
- Collecting and cleaning real-world data with Python and R to quantitatively inform cognitive models
- Applying statistical methods to analyze Big Data from online user interactions

Department of Psychology University of Toronto [2017]
- Studied potential evidence-based positive education interventions under Dr. Jeffrey Graham
- Analyzing research data using R, Python and SPSS machine learning algorithms with Scikit-Learn
- Developed and refined predictive machine learning models of student learning and performance

Awards & Honors

International Academic Honors

- [2017] *International Chemistry Olympiad* Silver Medalist and Team Captain
- [2016] *International Chemistry Olympiad* Invited
- [2015] *International Career Development Conference* DECA First Place

National Academic Honors
- [2017] *National Biology Contest* Ninth Place
- [2016] *Canadian Chemistry Contest* DECA First Place

Teaching Experience

Computer Science Mentors at the University of California, Berkeley
- [Spring 2018] *Computer Science 70* Discrete Math & Probability Theory

Facilitated Study Group Leader at the University of Toronto
- [Spring 2017] *Math 102* Introduction to Mathematical Proofs
- [Fall 2016] *Math 102* Introduction to Mathematical Proofs
- [Fall 2016] *Math 135* Calculus
- [Spring 2016] *Math 102* Introduction to Mathematical Proofs
- [Fall 2015] *Math 102* Introduction to Mathematical Proofs
- [Fall 2015] *Economics 100* Introduction to Economics

Classes

University of California, Berkeley Berkeley, California
- [Spring 2018] *Psychology 290q* Cognitive Development for Computer Scientists (Graduate)
- [Spring 2018] *Statistics 134* Concepts of Probability
- [Spring 2018] *Math 110* Linear Algebra
- [Spring 2018] *Computer Science 170* Efficient Algorithms and Intractable Problems
- [Fall 2017] *Computer Science 70* Discrete Mathematics and Probability Theory
- [Spring 2018] *Computer Science 61b* Data Structures
- [Fall 2017] *Computer Science 61a* The Structure and Interpretation of Computer Programs
- [Fall 2017] *Electrical Engineering 16a* Designing Information Devices and Systems I

University of Toronto Toronto, Ontario
- [Summer 2014] *Math 223* Linear Algebra I
- [Fall 2016] *Math 232* Calculus of Several Variables
- [Summer 2015] *Math 135* Calculus
- [Fall 2015] *Computer Science 108* Introduction to Computer Programming
- [Summer 2013] *Math 102* Introduction to Mathematical Proofs