

# Hermish Mehta

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## EDUCATION

- 2017–  
University of California, Berkeley
- Pursuing a B.S. in Computer Science and Engineering (EECS)
  - Expected graduation in 2021
  - Courses: Discrete Math and Probability Theory, Information Systems, Computer Programming

- 2013–17  
University of Toronto Part-Time, 4.0 GPA  
University of Toronto Schools

## SKILLS

**Proficient:** Python, Java, LaTeX, R, SPSS, Git, Javascript, React, Bash

**Familiar:** MATLAB, Haskell, NumPy, HTML, Pandas, CSS

## HONOURS

- 2017  
Silver Medalist at the *International Chemistry Olympiad*
- 2016  
First Place at the *DECA International Career Development Conference*

## 🌿 EXPERIENCE 🌿

- 2017  
Research Assistant at the *University of Toronto*
- Examining student learning and performance through quantitative methods
  - Analyzing data using R, Python and SPSS under Dr. Jeffrey Graham
  - Applying machine learning to model learning and accurately predict student outcomes

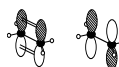
- 2015–17  
Facilitated Study Group Leader at the *University of Toronto Mississauga*
- Helped students review material and develop effective study routines
  - Led study group sessions for two courses: Introduction to Mathematical Proofs and Calculus
  - Prepared weekly lesson plans and handouts, along with a series of notes

- 2016  
Developer and Research Intern at *Parlay Ideas* and *AvatarMe*
- Worked at two Toronto-based education technology startups
  - Programmed with Unity and C sharp, building a virtual world to gamify education
  - Explored a database transition strategy to noSQL for the education startup

## PROJECTS



**DineSafe Toolkit**  
An award-winning API making  
Toronto Data more accessible



**Computational Chemistry**  
Using cutting-edge quantum  
chemistry to illustrate concepts



**Courseography**  
Helping university students plan  
and map out their degree