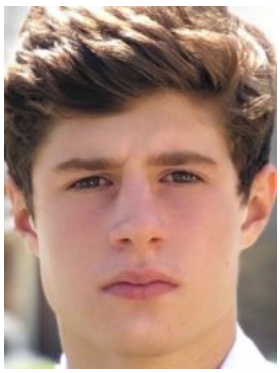
Ethan Kakavetsis · Chicago, Illinois · **ethankakavetsis@gmail.com** · 224-805-6167

Ethan Kakavetsis | Resume



- Status: Undergraduate at University of California Berkeley
- Skills: Java, Python (Numpy, Matplotlib, Pandas), R, SQL, LATEX, Lisp(Scheme)
- Interests: Chess Engines, Sport Statistician's Work, Sports Medicine
- Linkedin: https://www.linkedin.com/in/ethankakavetsis/

Experience

'22/08 - '22/12 **Academic Intern** UC Berkeley

- Helped students work through problems in lab section for Data 8 (http://www.data8.org)
- A class covering the Foundations of Data Science
- Improved my teaching skills along with communication skills
- Touched up on my foundational knowledge of Python and Data Science based libraries

Computer Science Projects (https://github.com/EthanKakavetsis)

- Scheme: A Scheme interpreter in python. Using lexical analysis, in which the input character string is broken up into a sequence of tokens, and syntactic analysis, in which the tokens are assembled into an abstract syntax tree. Full project on my GITHUB.
- Ants: A playable video game similar to "Plants Versus Zombies"except in my project "Ants Versus Bees". Full project with GUI's on my GITHUB.

'21/08 - now **MI2 (Medical Intelligence and Innovation)** UC Berkeley

- As a club we researched AI and Big Data in medicine
- In our weekly meetings, we go through thought-provoking innovation challenges, as well as insight from industry professionals and physician guest speakers
- Collaborative Innovation
- Discussion on inequities in healthcare and health disparities among minority groups

Education

2021 - Present **(BA, Data Science) and (BA, Molecular and Cellular Biology)** UC Berkeley

- Gpa : 3.7
- Junior Standing, expected graduation Spring 2024
- An emphasis in Neurobiology for Molecular and Cellular Biology
- An emphasis in Applied Mathematics and Modeling for Data Science

Relevant Coursework:

- Compsci61B (Data Structures and Algorithms) Java, Software Engineering, Trees, Lists, Etc. Course Link: https://sp23.datastructur.es
- DataC100 (Techniques of Data Science): Numpy, Pandas, SQL, KMeans, Data cleaning, EDA, Visualization, Probability. Course Link: https://ds100.org
- Compsci 61A (The Structure and Interpretation of Computer Programs): Python, Scheme/Lisp, SQL Course Link: https://cs61a.org
- Other College Coursework: Calculus 1, Calculus 2, General Chemistry, Organic Chemistry, General Biology, Linear Algebra, Differential Equations, Physics, Biology, Foundations of Data Science, Economic Modeling