

Michael Zeng

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Education

[University of California, Berkeley](#)

BERKELEY, CA

B.A. (Computer Science) • **GPA:** 3.840/4 • *Expected graduation:* Spring 2021 • August 2017 – present

Major courses:

- CS 61a: Structure and Interpretation of Computer Programs
- CS 70: Discrete Mathematics and Probability Theory

In progress:

- CS 61b: Data Structures
- MATH 54: Linear Algebra and Differential Equations
- STAT 20: Introduction to Probability and Statistics

[Dublin Jerome High School](#)

DUBLIN, OH

High school

August 2013 – May 2017

Selected courses: AP Chemistry, AP Biology, AP Physics C, AP US History, AP US Government and Politics, IB German Higher-Level, AP Calculus BC, AP Statistics, AP English Language

Dual enrollment (The Ohio State University): Introduction to Computer Programming in Java, Principles of Micro-/Macroeconomics, Introduction to Philosophy

Extracurricular activities:

- Fencing team (captain)
 - Mock Trial (president)
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Projects

CS 61a: Structure and Interpretation of Computer Programs

Languages studied: Python 3, Scheme, SQL

Spring 2018

- **Hog:** Used higher-order functions to implement a dice game in Python 3
 - **Maps:** Used data abstraction to implement a restaurant recommendation program in Python 3
 - **Ants vs. Bees:** Utilized object-oriented programming to implement a tower-defense game in Python 3
 - **Scheme:** Implemented a Scheme interpreter in Python 3, utilizing object-oriented programming
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Volunteer Work

[Cal Fencing Club](#)

Secretary

August 2017 – present

- I have been a fencer since I was in the fifth grade. At Cal, part of a team of three men's foil fencers that traveled to Knoxville, Tennessee, taking third out of 32 teams.
- As secretary for 2018-19, I am responsible for communicating information to the team, liaising with Cal Sports Clubs in organizing club events, and keeping minutes and notes during officer meetings.

[English Wikipedia](#)

Administrator

January 2017 – present

- As an editor, I help write the world's largest encyclopedia.
- As an administrator, I have access to advanced technical functions of the website that aid in maintenance, such as the ability to block abusive editors and delete inappropriate pages.
- As an email response team volunteer, I help the Wikimedia Foundation respond to inquiries from customers related to Wikipedia.

[Center of Science and Industry \(COSI\)](#)

Guest Services Volunteer

March 2015 – June 2017

- Interacted directly with guests at COSI, the science museum of Columbus, Ohio.
 - Acquired experience in customer service, early childhood education, and professional presentation and collaboration.
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Skills and interests

Technical expertise: Python 3, Java

Natural languages: English (*native*), German (*intermediate*), Mandarin Chinese (*basic*).

Interests: Fencing (B rating, attended nat'l championships '13, '14, '15, '17)