

KATHERINE DONAHUE

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

MAY 2024 (EXPECTED)

INTENDED MAJOR: DATA SCIENCE

MENLO-ATHERTON HIGH SCHOOL

June 2020

- **GPA:** 3.98/4.0 (UW) 4.43/4 (W)
- **Test Scores:** ACT: 35/35/35/35 SAT 2 Math:780
- **Awards:** University of Chicago Book Award, National Merit Commended Student, Principal's Community Service Award, National Honor Society, AP Scholar with Distinction, Overall Best Advanced High School Artist - CA JCL

CALIFORNIA STATE SUMMER SCHOOL OF MATH & SCIENCE (COSMOS)

SUMMER 2019

- UCSD Jacobs School of Engineering
- Collaborative research in concepts of control theory, mathematics and engineering design alternating between mechanical engineering lab and computer science lab

STANFORD UNIVERSITY

SUMMER 2018

- Math 19 (Calculus 1) and CS 106A (Programming Methodology)

SAINT ANDREWS COLLEGE, DUBLIN, IRELAND

2013-4

- Attended middle school in Ireland when Dad was transferred

EXPERIENCE

CuriOdyssey STEM & Wildlife Center

2016-2020

Animal Handler & Educator

- Led talks while holding snakes and other wildlife to educate visitors about environmental issues
- Achieved highest level of animal training
- Trusted with tricky-to-handle snakes, bearded dragons, desert tortoises, ferrets, and other creatures

Katie's Puppies

2016-2019

Founder, CEO

- Ran a neighborhood dog-sitting/walking business
- Used skills developed by raising Guide Dogs for the Blind puppies in Ireland & California

LEADERSHIP EXPERIENCE & ACTIVITIES

Varsity Co-Ed Badminton Team

2016-2020

- Most Valuable Player (2019)
- League singles finalist (2018,9), 2-time All League player, 4 year starting player
- Assist coach in creating line-ups, try-outs, coaching and facilitating communication

Varsity Girls Tennis Team

2016-2020

- Captain (2019), League Doubles Champion (2018)
- 2-time All League player, 4 year starting player
- Assist coach in leading drills, coaching exhibition matches, and facilitating communication

Women of Medicine Business & Technology (WOMBAT) Club

2016-2020

- *Co-President*

- *President*

TECHNICAL SKILLS

- **Languages:** Java, Robot C, Eclipse IDE, Python
- **Technologies:** Eclipse IDE, Visual Studio Code

SOME FAVORITES

- **Books:**
 - Daughter of Time by Josephine They
 - How To: Absurd Scientific Advice for Common Real-World Problems by Randall Monroe
 - Last Chance to See by Douglass Adams
 - Boom Town: The Fantastical Saga of Oklahoma City, Its Chaotic Founding, Its Apocalyptic Weather, Its Purloined Basketball Team, and the Dream of Becoming a World-Class Metropolis by Sam Anderson
- **Publications/Websites:**
 - The Economist
 - New York Times (particularly Science Tuesday and recipes from the Food section)
- **Podcasts**
 - Planet Money
 - My Favorite Murder
 - This Podcast May Kill You
 - Slow Burn
 - Against the Rules