

BOYU FAN

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EDUCATION

University of California, Berkeley

2021 - Present

Intended major: Statistics, Economy, Data Science

Coursework: Math 53, UGBA 10, Philosophy 25A, Anthro 3AC, Astron 98

Beijing No. 4 High School

2018 – 2021

GPA: 4.49/4.00 (weighted)

Student Council: Vice President of Liaison Department

Clubs: Founder & President of Aeromodelling Club; Co-Founder of Philosophy Club

TECHNICAL SKILLS

- Python(Machine Learning), Matlab, L^AT_EX
- Operating Systems: iOS
- Technologies/Libraries: SciPy, Numpy, Matplotlib

PROJECTS AND COMPETITIONS

- Astron 98: Simulating Changes in Orbital Trajectories due to Stellar Evolution
- ABA x EWB Case Competitions

RESEARCH TALKS

- Published a paper “Intracranial Electroencephalogram based epilepsy seizure onset detection” on ICMLC conference
- Astron 98 Final Presentations
- Assisting Professor Benjamin Kane at University of Hong Kong on class numbers and representations by ternary quadratic forms with congruence conditions

COMMUNITY OUTREACH

- Kenya Wildlife Research & Conservation—lion light

AWARDS

- Won finalist prize (Top 7 % worldwide) in HIMCM Competition
- Ranked 9 out of 259 asian-wide in KWHS Investment Competition
- Won Beijing No.16 in NHSDLC debate competition

OTHER INTERESTS

- Public speaking, chess and solving crossword puzzles, piano (passed the sixth level test at The Central Conservatory of Music)