EIT

Ellison Scholars

2nd Cohort

ADAM CHEONG

BORN IN 2009

READ MORE

#health & medical sciences
#sustainable agriculture
#ai & robotics

Adam Cheong

Proof School | San Francisco, California | adam@cheong.net

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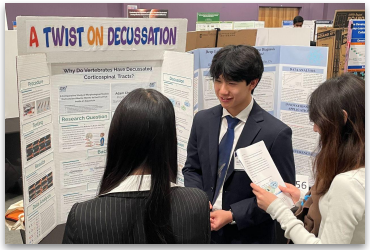
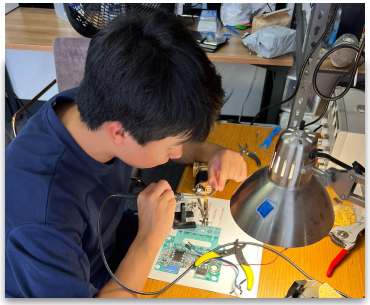

A TWIST ON DECUSSATION


© 2025 Google
973
PROOF



UCAS Discover Applying Money & student life International

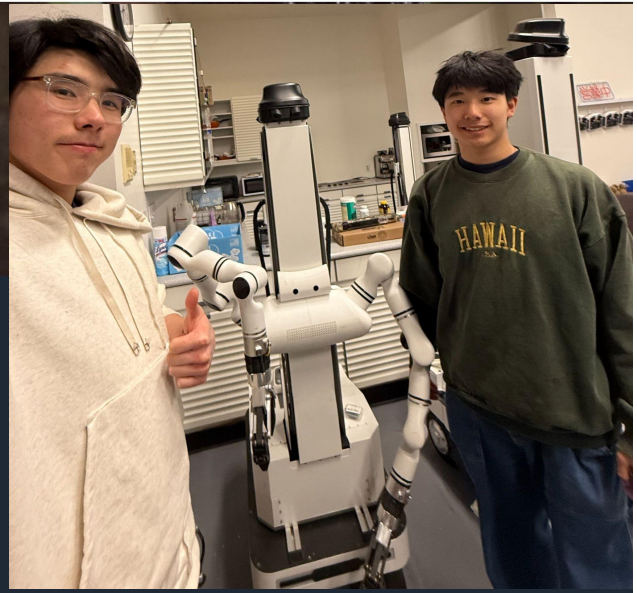
Back

UNIVERSITY OF OXFORD

University of Oxford

Degree level: **Undergraduate**

BIOMEDICAL ENGINEERING



Course **options**

2026 - 2027

28 course options available

Qualification type
Master of Engineering (with Honours) - MEng (Hon)

Location
Keble

Start date
04 October 2026

Study mode
Full-time

Duration
4 years

Apply

There are other course options available which may have a different vacancy status or entry requirements – view the full list of options


PROOF SCHOOL
FOR KIDS WHO LOVE MATH
ADAM
CHEONG
STUDENT
Class of 2027
HIGH SCHOOL


EXIT

Science fairs

2025.03 — **4th Place, Bioinformatics and Computational Biology**
High School Division, Alameda County Science and Engineering Fair (ACSEF)
Monte Carlo Simulation of Somatic Twist in Ancient Marine Worms

2024.04 — **Honorable Mention, Zoology**
Senior Division, California Science and Engineering Fair (CSEF)
Why Do Vertebrates Have Decussated Corticospinal Tracts?

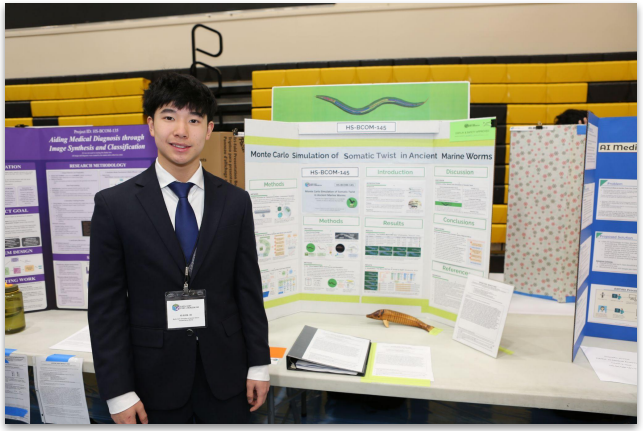
2024.03 — **1st Place & Bill Tobin Award, Biological Sciences**
9th Grade, Golden Gate STEM Fair (GGSF)
Why Do Vertebrates Have Decussated Corticospinal Tracts?

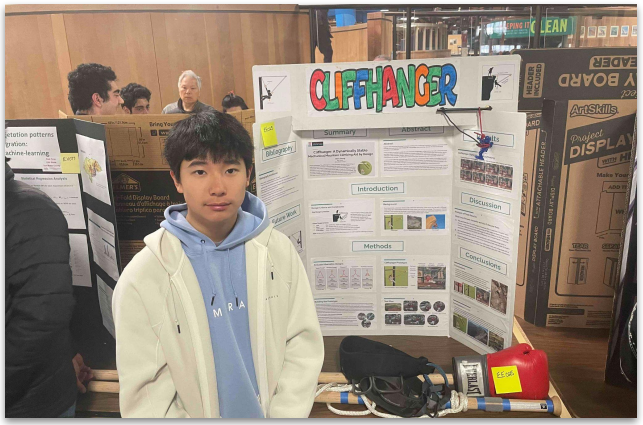
2023.04 — **Honorable Mention, Applied Mechanics and Structures**
Junior Division, California Science and Engineering Fair (CSEF)
Cliffhanger: A Dynamically Stable Mechanical Mountain Climbing Aid by Design

2023.03 — **1st Place, Engineering: Electrical and Mechanical**
8th Grade, Golden Gate STEM Fair (GGSF)
Cliffhanger: Dynamic Stability in a Mechanical Mountain Climbing Aid by Design

2023.03 — **1st Place, Engineering, Technology and Application of Science**
8th Grade, San Mateo County STEM Fair
Cliffhanger: Dynamic Stability in a Mechanical Mountain Climbing Aid by Design

2022.03 — **Honorable Mention, Biological Systems**
7th Grade, San Mateo County STEM Fair
Does the Color of Light Affect Plant Growth?

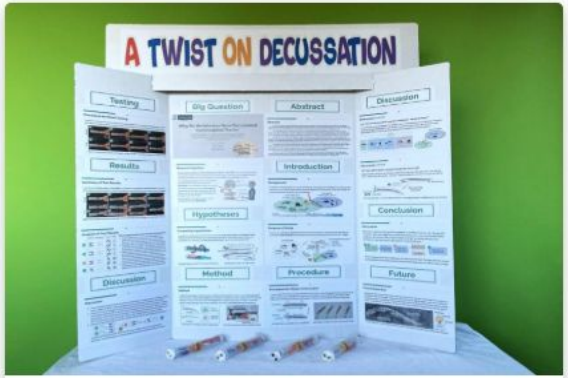




explore

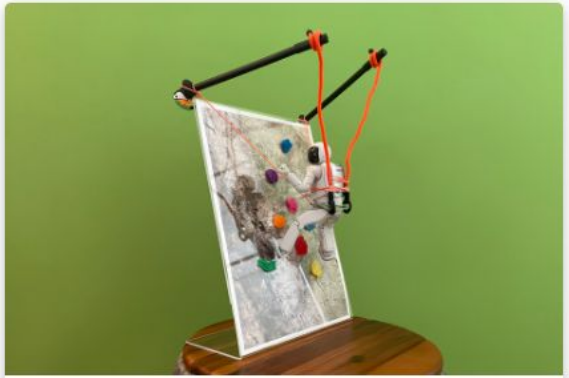
monte carlo

Monte Carlo simulation of somatic twist in ancient marine worms



decussation

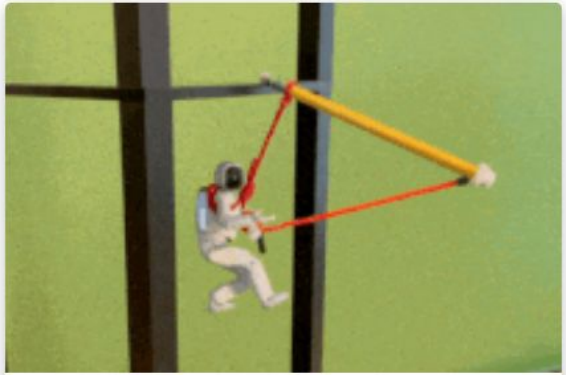
why do vertebrates have decussated cortocospinal tracts?



cliffhanger v2

dynamically stable mechanical mountain climbing aid by design

fun



🧗 cliffhanger

dynamically stable mechanical mountain climbing aid by design

🚀 rocket fuel

homemade rocket fuel with kitchen chemistry (i.e., kno3 + sugar etc.)

🏎️ go kart go!

Excellence
Center for Excellence in Education

USA BIOlympiad 2025

Adam Cheong

Open Exam Honorable Mention Certificate

2025 USA Biolympiad

Sponsored by

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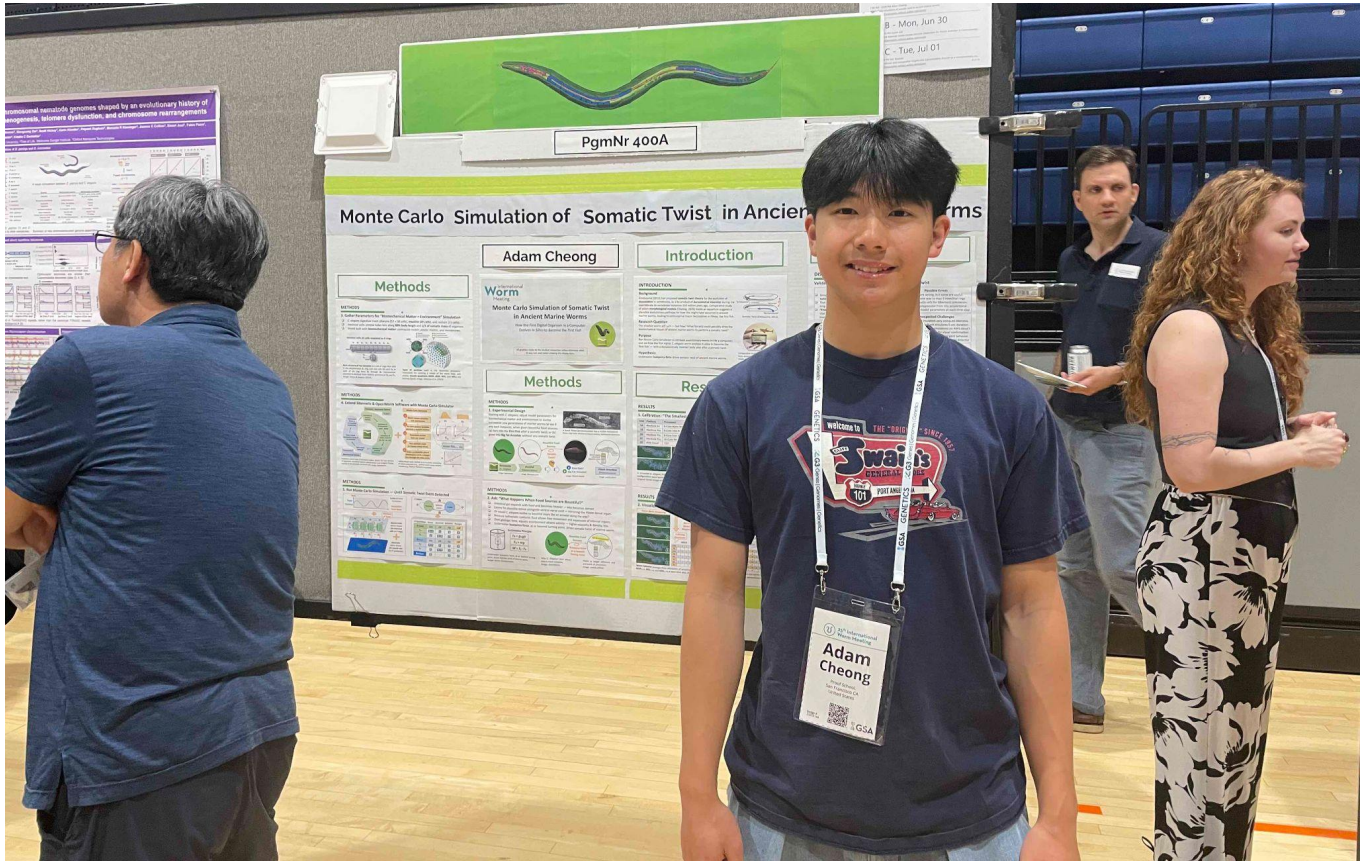
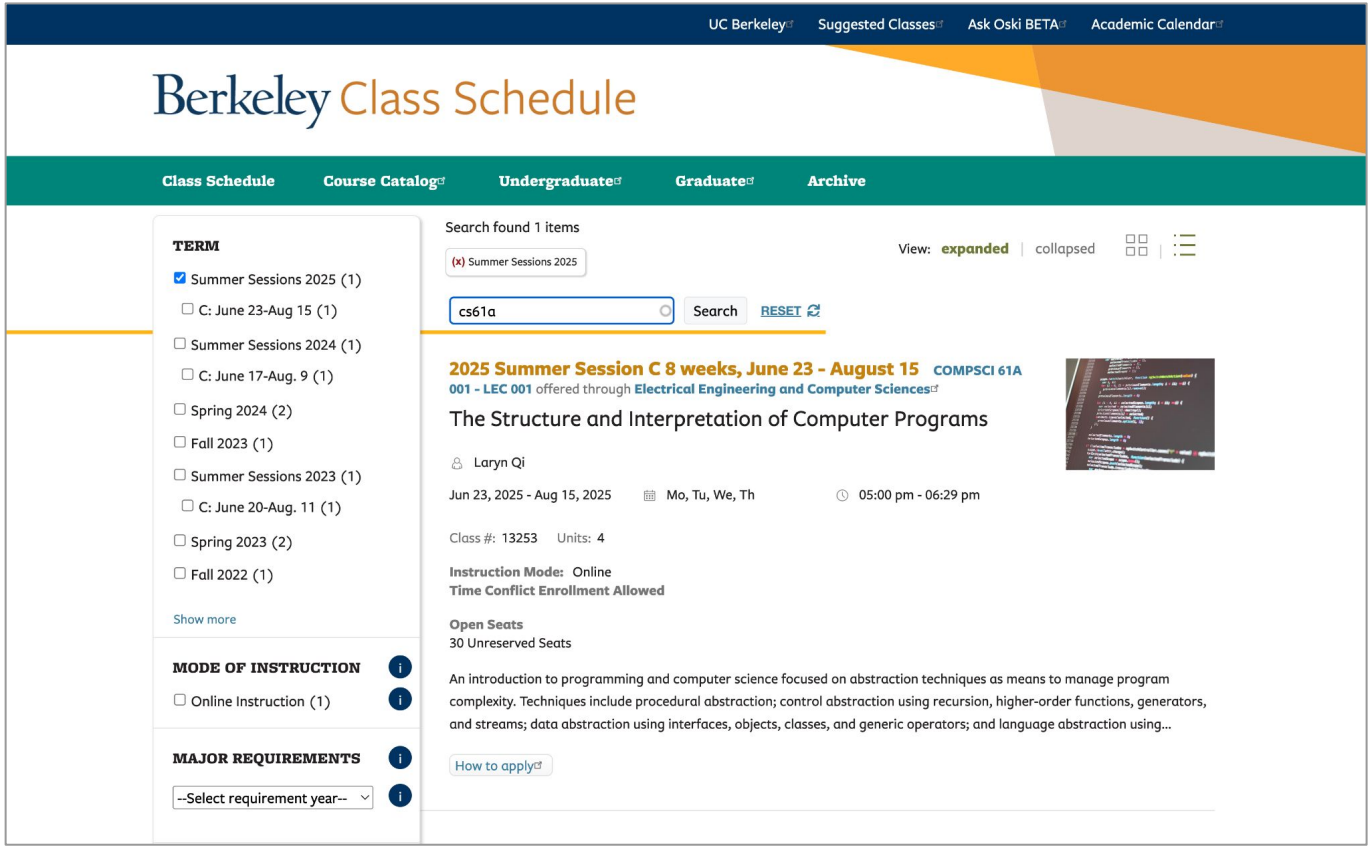




Education

2023.08 - 2027.06

San Francisco, California

High School

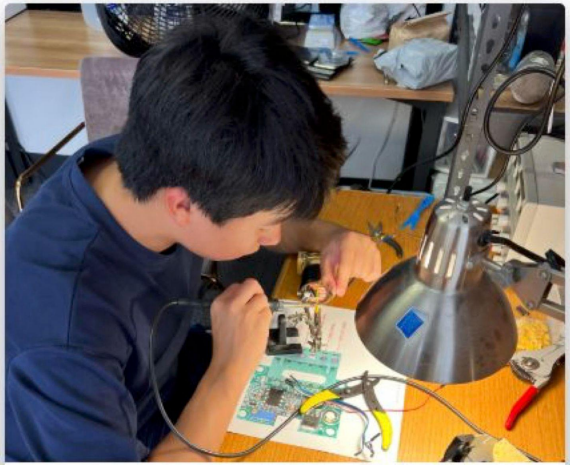
Proof School

For Kids Who Love Math

- 11th: Classic Literature: The Essay
- 11th: Quantum Mechanics
- 11th: Medicinal Chemistry
- 11th: Anatomy & Physiology
- 11th: Linear Algebra
- 11th: US History & the American Essay
- 10th: Literary Arts: Graphic Narrative
- 10th: Generating Functions
- 10th: Calculus A, B, C & D
- 10th: Physics
- 10th: Chemistry
- 10th: Latin 2
- 9th: Latin 1
- 9th: Biology

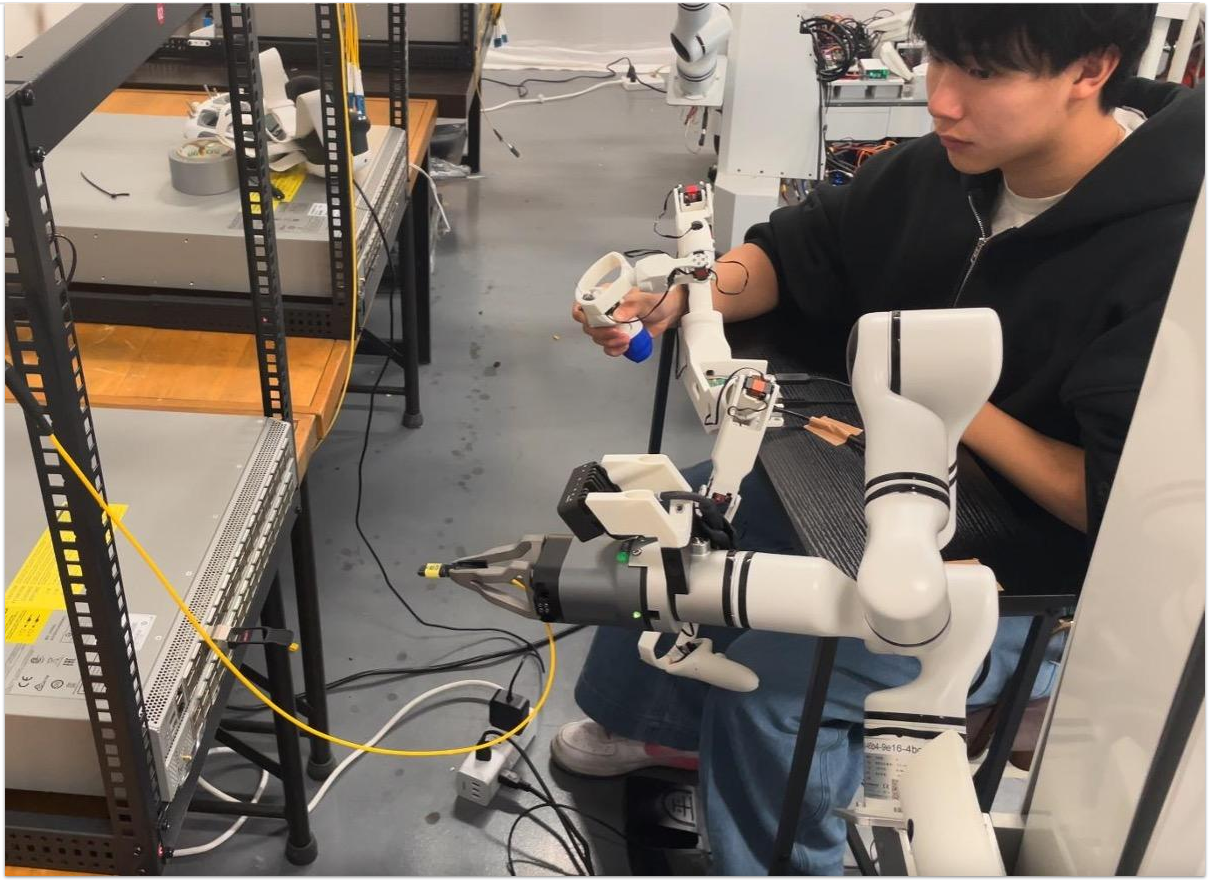
4 Years of Advanced Math Curriculum

Year	Block 1	Block 2	Block 3	Block 4	Block 5
3	9th: Graph Theory	Exp/Logs/Trig A	Geometry 3	Exp/Logs/Trig B	Number Theory 2
4	10th: Discrete Probability	Differential Calculus	Integral Calculus	Series and Topics in Calculus	Number Theory 3
5	11th: Combina-torics 2*	Linear Algebra A*	Linear Algebra B*	Mathematical Logic*	Cryptography*
6	12th: Theory of Partitions*	Group Theory*	Statistics A / Multivariable Calculus A*	Statistics B / Multivariable Calculus B*	Special Relativity*



watney robotics

autonomous physical infrastructure





Our zero-to-one journey: starting 🍓 hydroponics in Berkeley (circa Aug–Oct 2023).

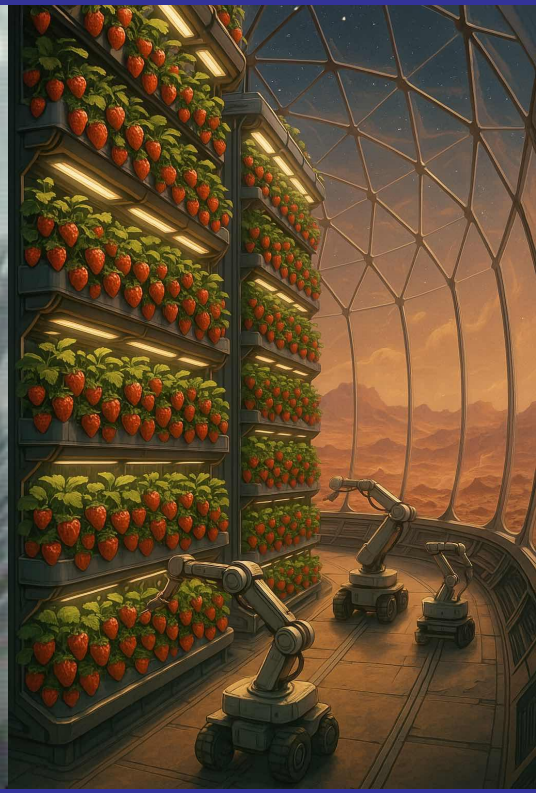


Heavy lifting all the way: from San Carlos home garage to new offices in Berkeley (circa July 2023).

💪 Watney continuously learned to become a better 🍓 hydroponics farmer (circa Nov–Dec 2023).

watney

Harvest on Mars

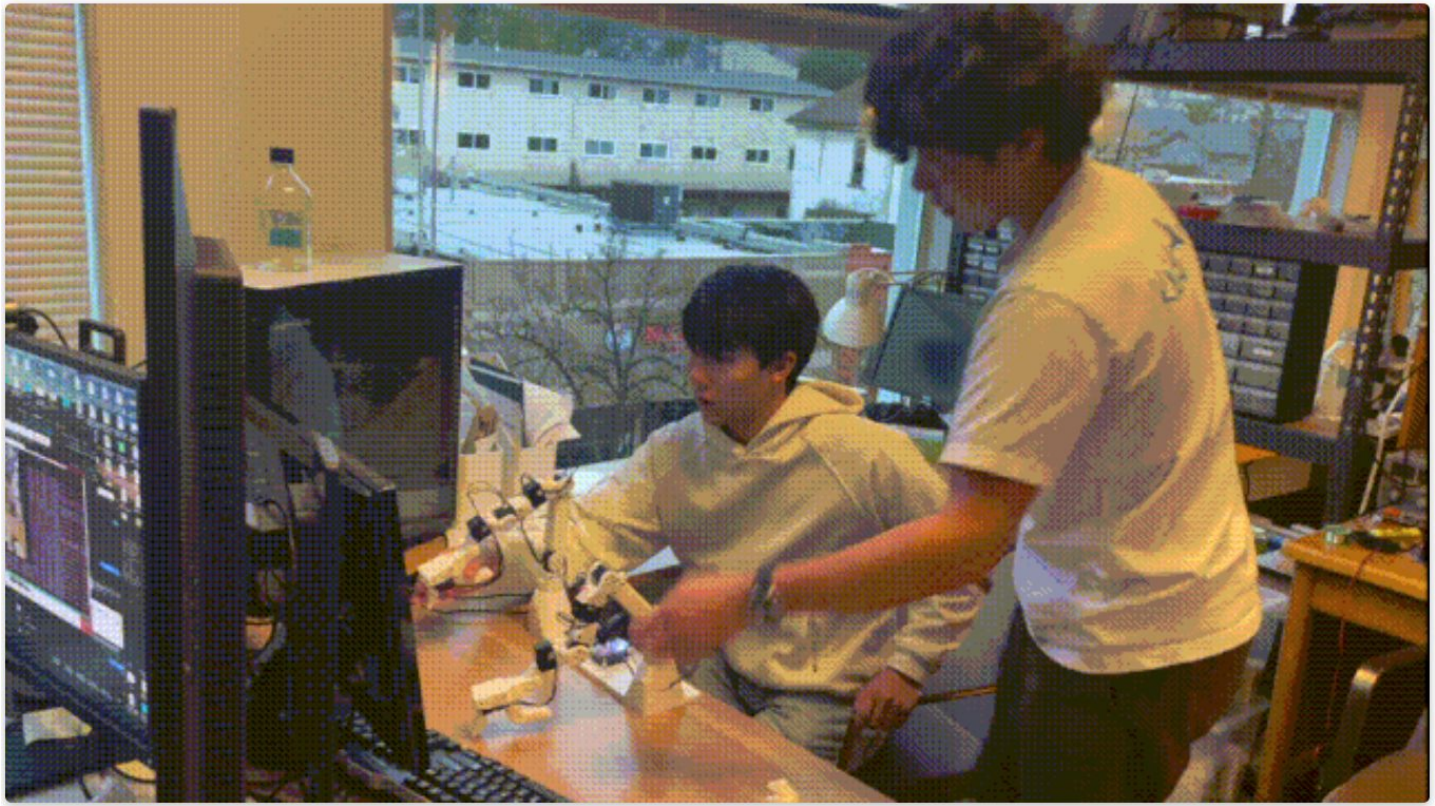


Grow from Earth

watney

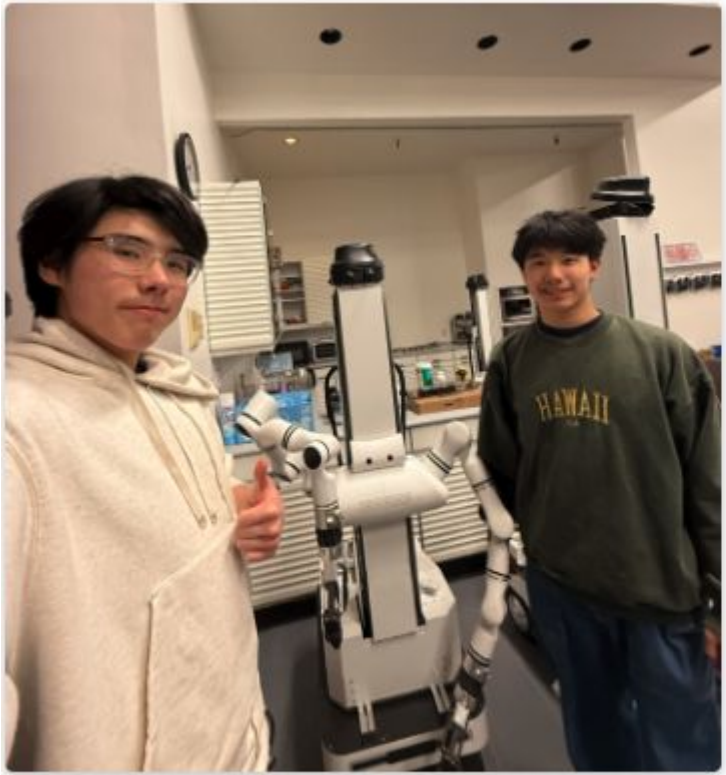
Ship Everywhere 🍓

🦾 Grow Here 🌱

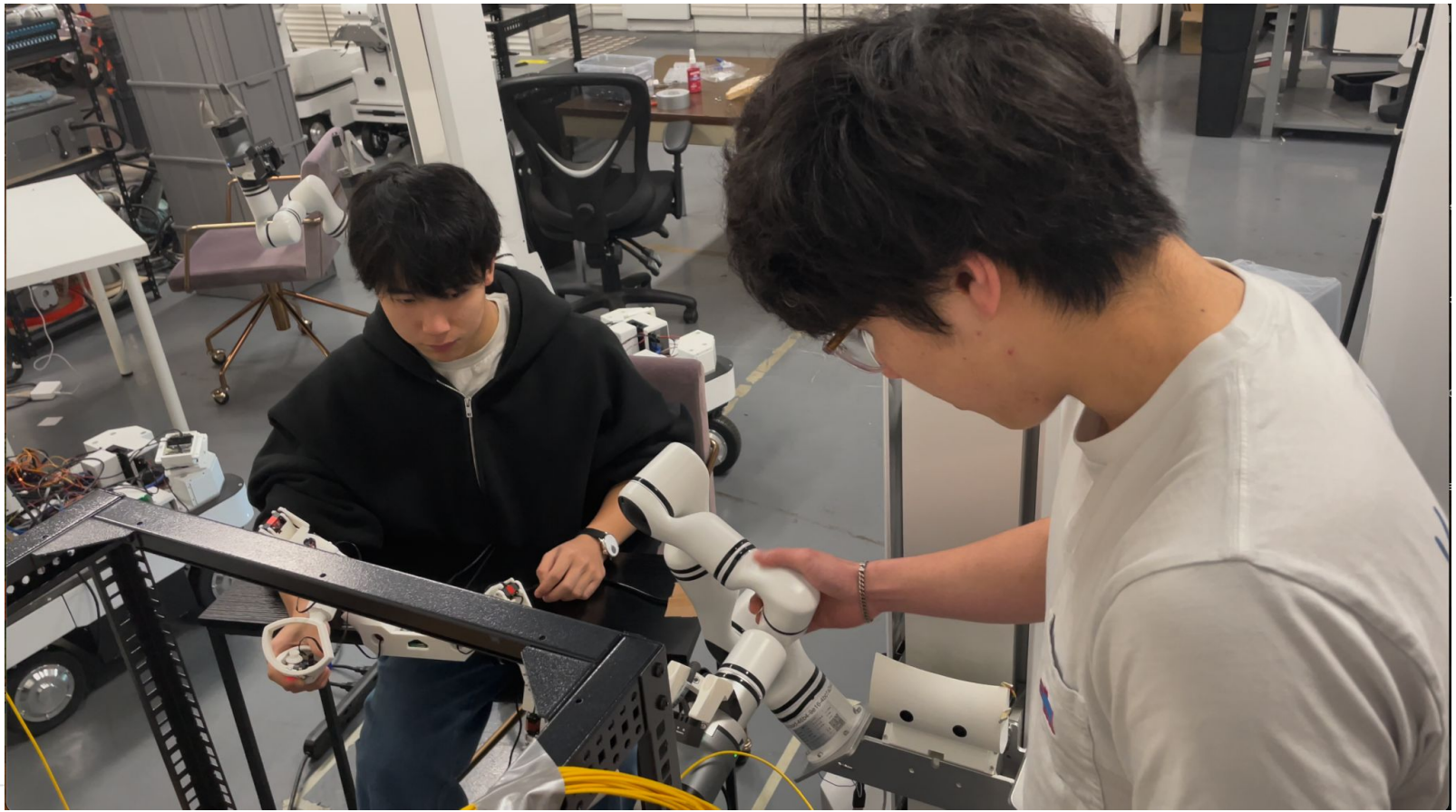


【 LINK 】 Closing an ultra low-latency teleoperation loop at our Berkeley offices on Telegraph Avenue (circa Feb 14, 2024).

Watney making itself useful poolside and in the laundry room folding towels (circa Aug–Nov 2024).



(left) Meet Watney's creator my eldest brother (circa April 2025); (right) our new offices in the SF Mission District (circa Jun 2024).



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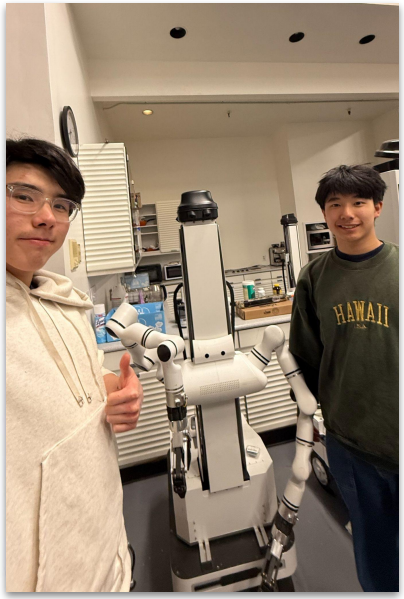

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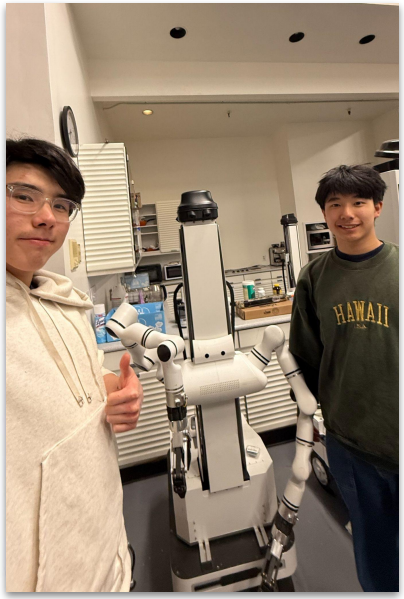

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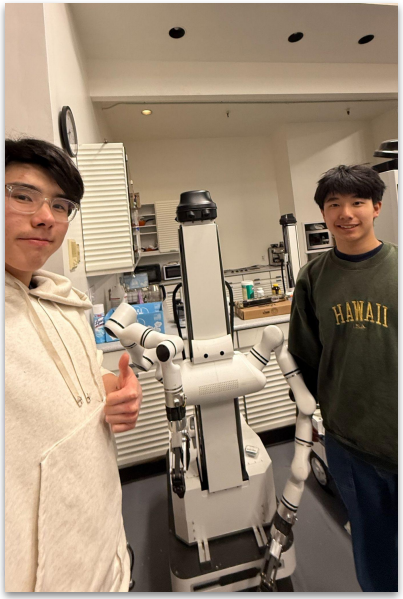

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