

孫正義育英財團

Generation 9

ADAM CHEONG
BORN IN 2009

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#robotics
#engineering
#mathematics



Masason Foundation



**ADAM
CHEONG
STUDENT**

**Class of 2027
HIGH SCHOOL**



 **PROOF SCHOOL**
FOR KIDS WHO LOVE MATH



**ADAM
CHEONG**
STUDENT

Class of 2027
HIGH SCHOOL

Education

2023.08 - 2027.06

High School

 San Francisco, California

Proof School



For Kids Who Love Math

- 11th: Classic Literature: The Essay 
- 11th: Medicinal Chemistry
- 11th: Anatomy & Physiology
- 11th: Quantum Mechanics
- 11th: Axiomatic Set Theory
- 11th: Linear Topology
- 11th: Linear Algebra A & B
- 11th: US History & the American Essay
- 10th: Literary Arts: Graphic Narrative
- 10th: Generating Functions
- 10th: Calculus A, B, C & D
- 10th: Physics
- 10th: Chemistry

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Adam Cheong

has earned the

AP[®] Scholar with Honor Award

which recognizes exemplary college-level achievement, for attaining an average score of at least 3.25 on all AP Exams taken, and scores of 3 or higher on four or more exams.

David Coleman, CEO, College Board

Trevor Packer, Senior Vice President, AP and Instruction

July 03, 2025

[about](#)[publications](#)[projects](#)[CV](#)

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Competition	AIME Threshold	Honor Roll Distinction	Distinction
AMC 10 A	105	136.5	112.5
AMC 12 A	96	150	127.5
AMC 10 B	99	133.5	105
AMC 12 B	100.5	145.5	127.5



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HIGH SCHOOL**

Berkeley Class Schedule

[Class Schedule](#) [Course Catalog](#) [Undergraduate](#) [Graduate](#) [Archive](#)

TERM

- Summer Sessions 2025 (1)
 - C: June 23-Aug 15 (1)
- Summer Sessions 2024 (1)
 - C: June 17-Aug. 9 (1)
- Spring 2024 (2)
- Fall 2023 (1)
- Summer Sessions 2023 (1)
 - C: June 20-Aug. 11 (1)
- Spring 2023 (2)
- Fall 2022 (1)

[Show more](#)

MODE OF INSTRUCTION

- Online Instruction (1)

MAJOR REQUIREMENTS

--Select requirement year--

Search found 1 items

(x) Summer Sessions 2025

View: **expanded** | collapsed  

cs61a

Search

[RESET](#)

2025 Summer Session C 8 weeks, June 23 - August 15 **COMPSCI 61A**
001 - LEC 001 offered through **Electrical Engineering and Computer Sciences**
The Structure and Interpretation of Computer Programs

 Laryn Qi

Jun 23, 2025 - Aug 15, 2025

 Mo, Tu, We, Th

 05:00 pm - 06:29 pm

Class #: 13253 Units: 4

Instruction Mode: Online
Time Conflict Enrollment Allowed

Open Seats
30 Unreserved Seats

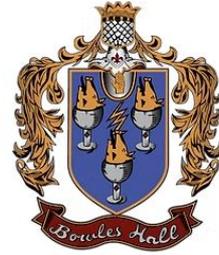
An introduction to programming and computer science focused on abstraction techniques as means to manage program complexity. Techniques include procedural abstraction; control abstraction using recursion, higher-order functions, generators, and streams; data abstraction using interfaces, objects, classes, and generic operators; and language abstraction using...

[How to apply](#)



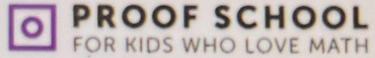


Berkeley
UNIVERSITY OF CALIFORNIA



BOWLES HALL
RESIDENTIAL COLLEGE





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CHEONG
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**Class of 2027
HIGH SCHOOL**

Enrollment

Summer 2025

Class	Title	Un.	Gr.	Pts.
COMPSCI 61A (Session C)	The Structure and Interpretation of Computer Programs	4	A	16

Summer 2026

Class	Title	Un.	Gr.	Pts.
COMPSCI 61BL (Session C)	Data Structures and Programming Methodology	4	—	—
DATA C8 (Session C)	Foundations of Data Science	4	—	—

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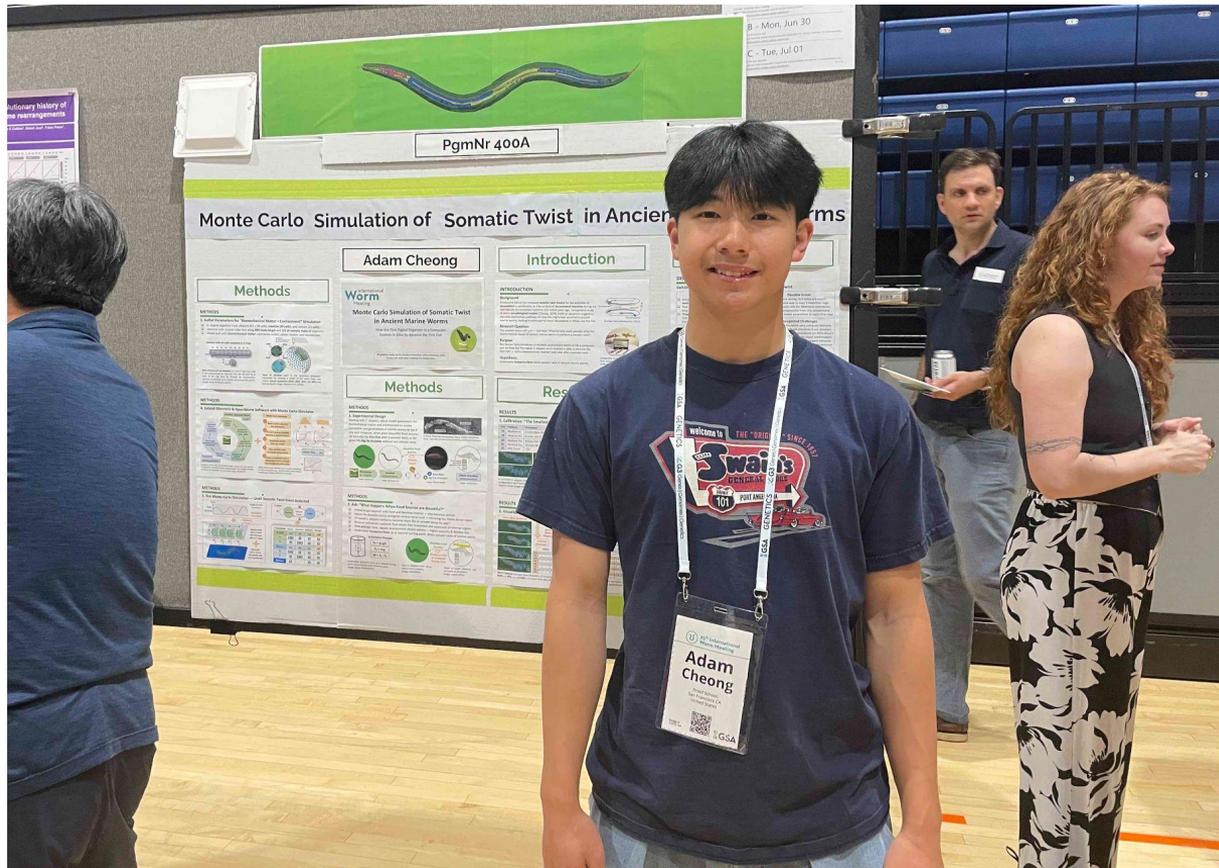
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HIGH SCHOOL

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[CV](#)





PEQG26

Population, Evolutionary and
Quantitative Genetics Conference









University of Oxford

Degree level: **Undergraduate**

BIOMEDICAL ENGINEERING

Course **options**

2026 - 2027

28 course options available



Qualification type

Master of Engineering (with Honours)

There are other course options available which may have a different vacancy status or entry requirements.



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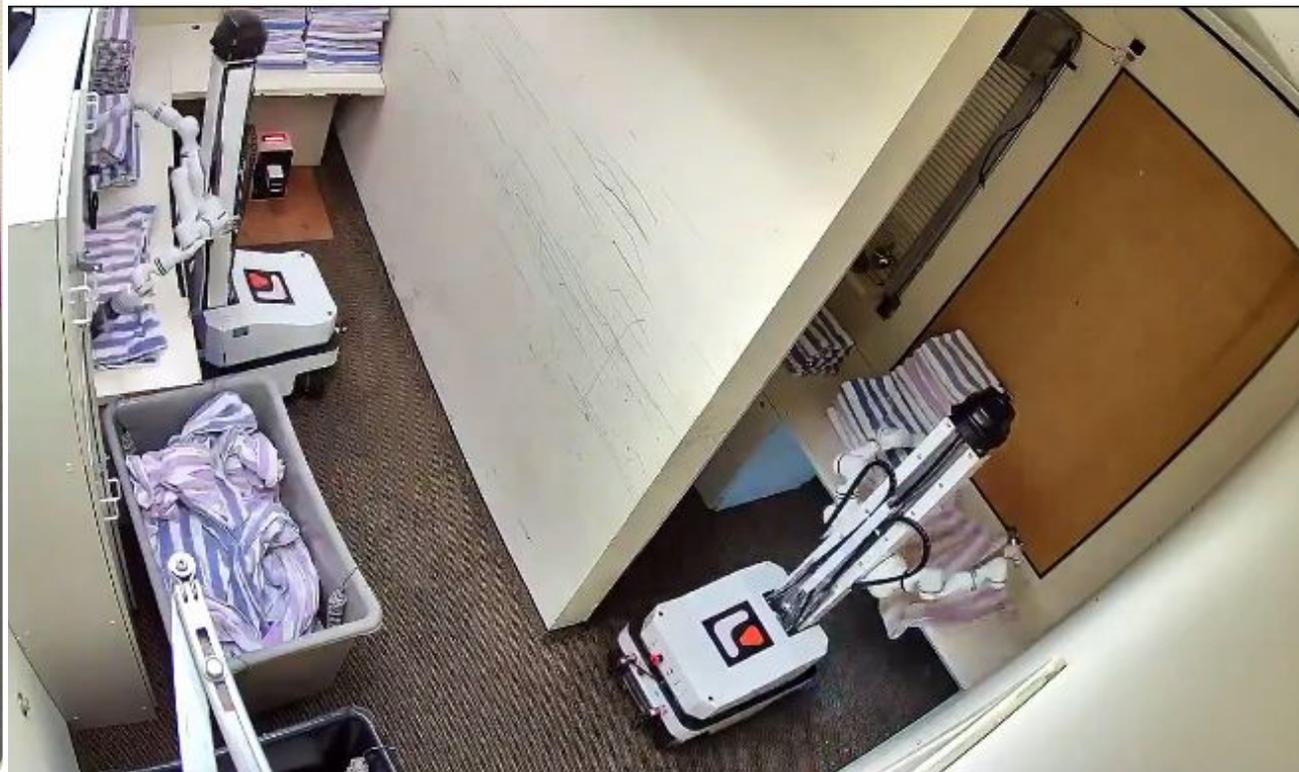
[cv](#)

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watney

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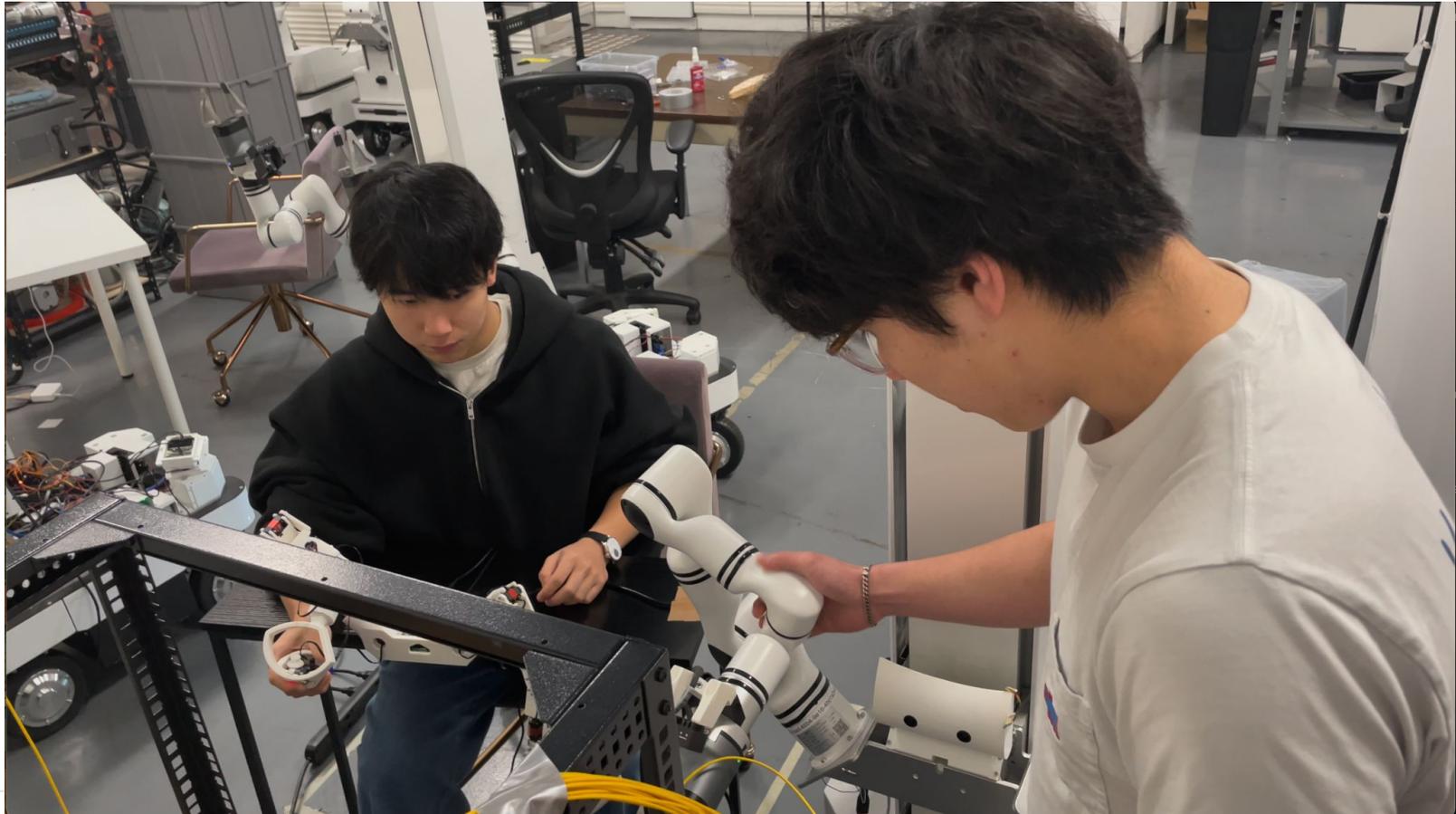
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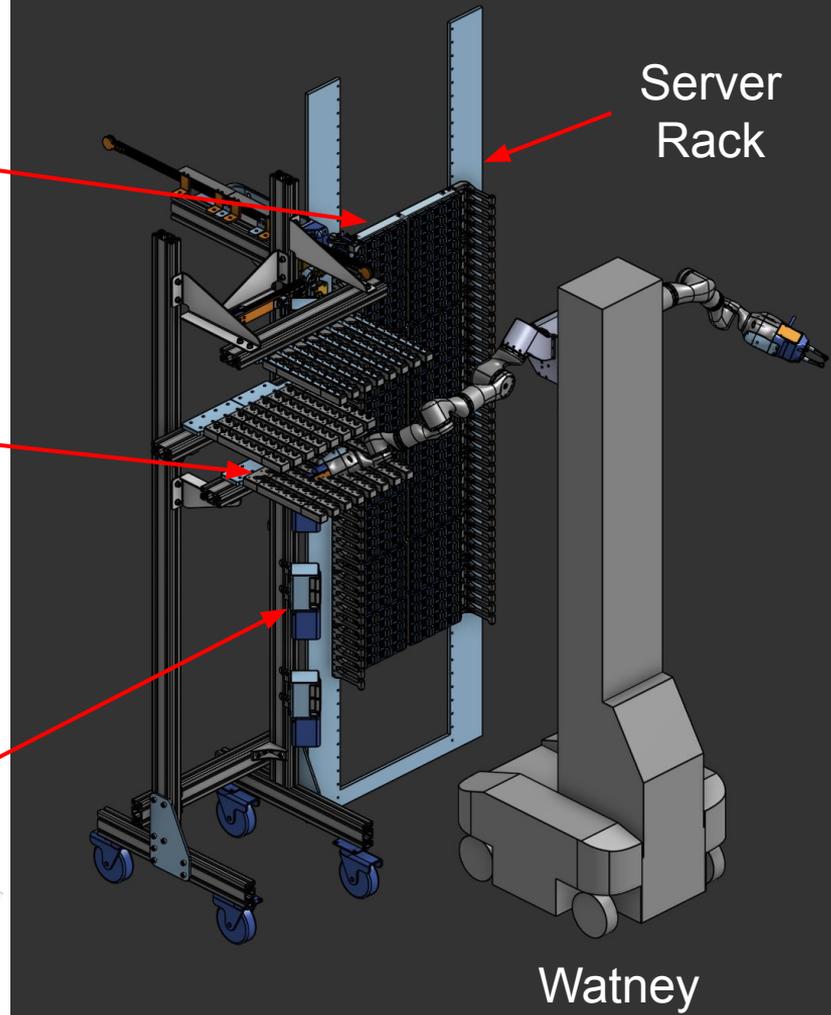
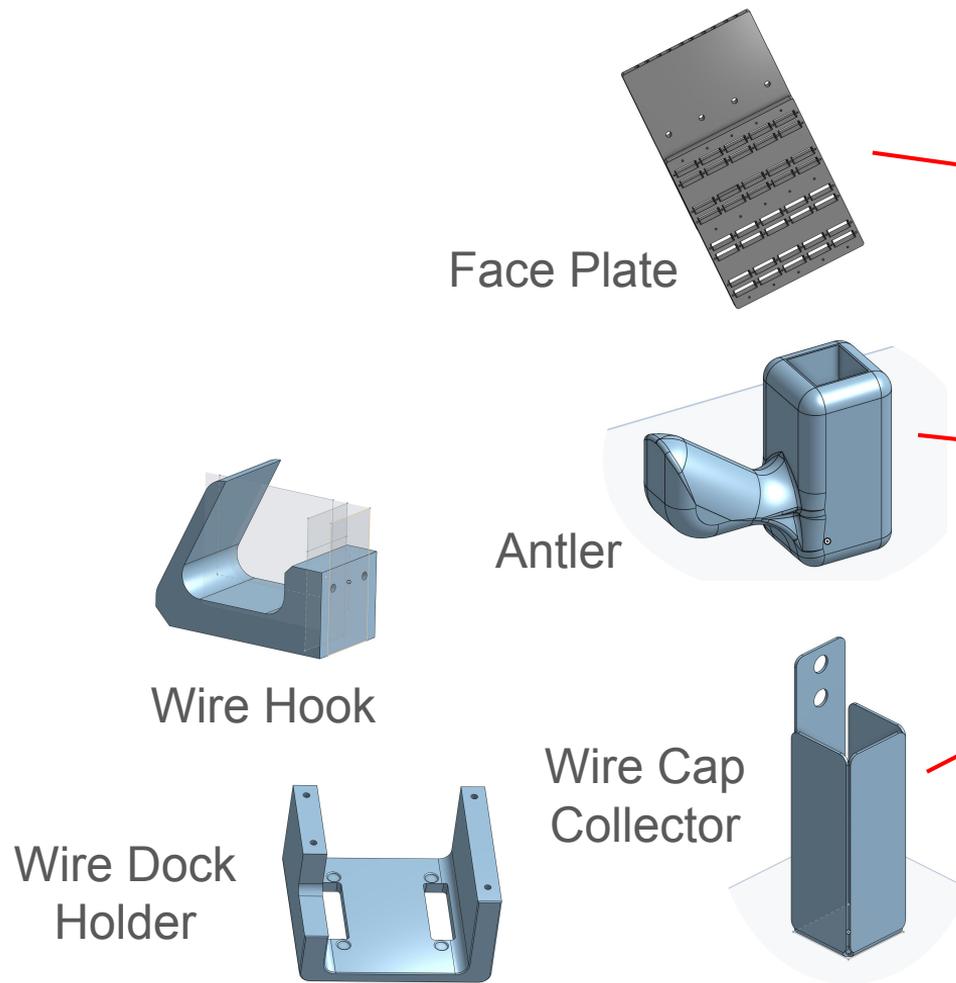


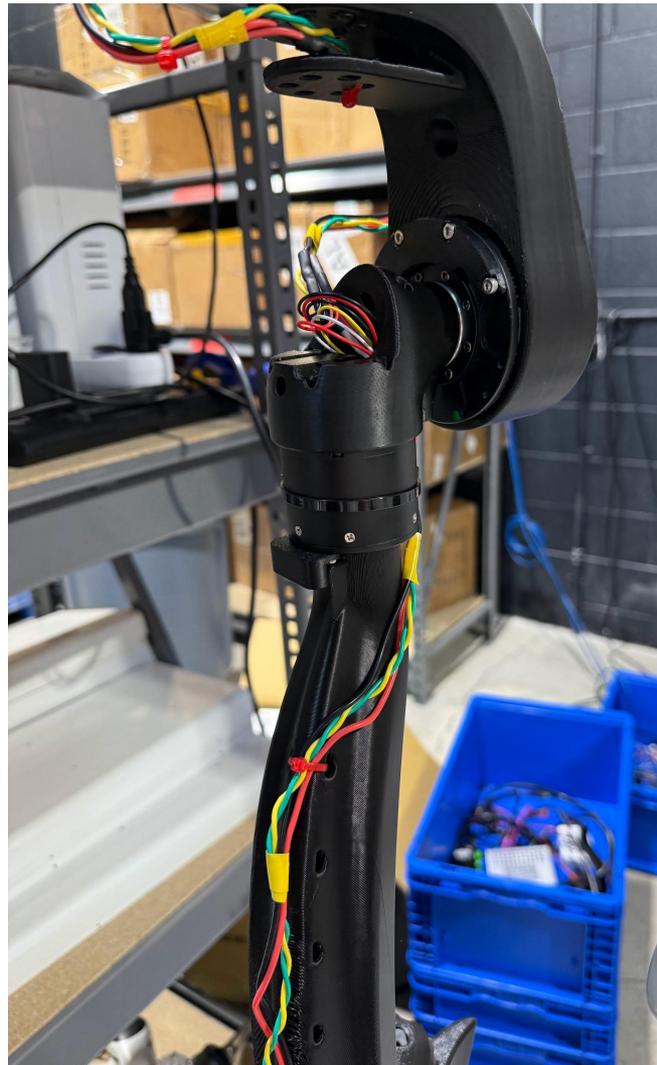
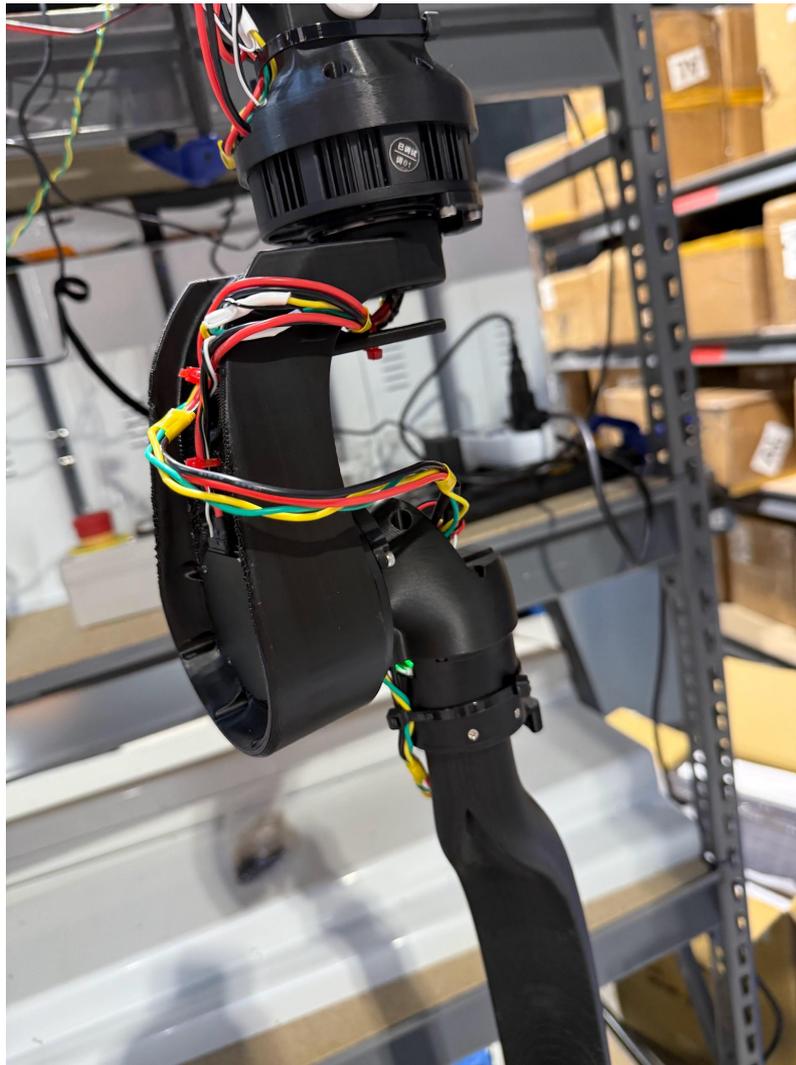
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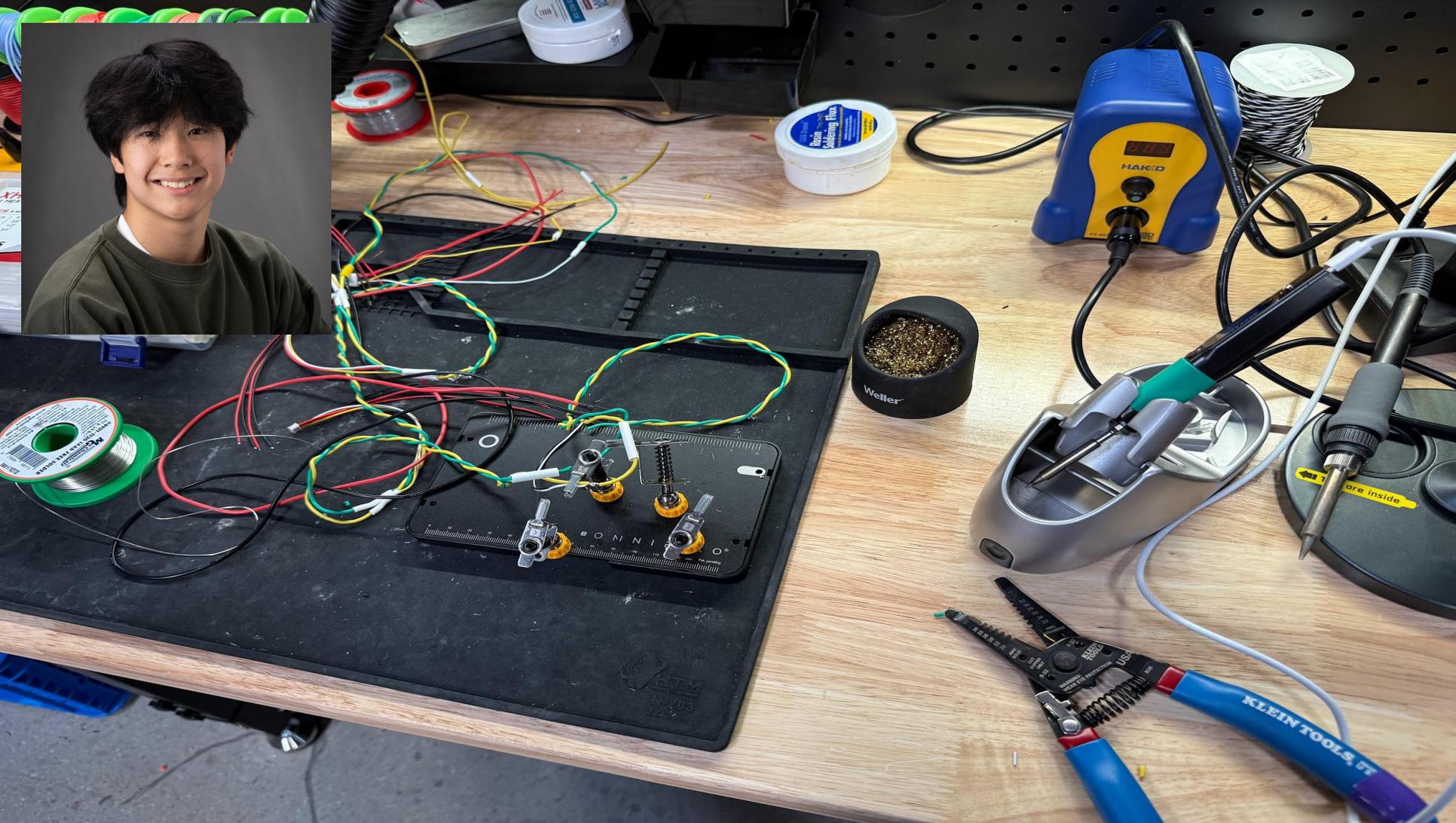
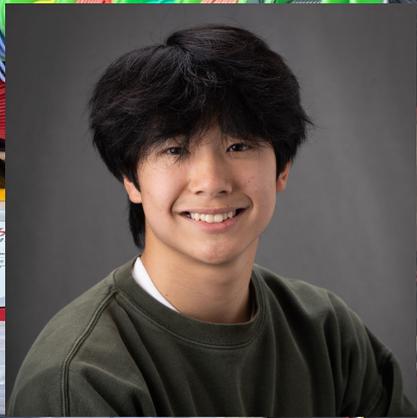
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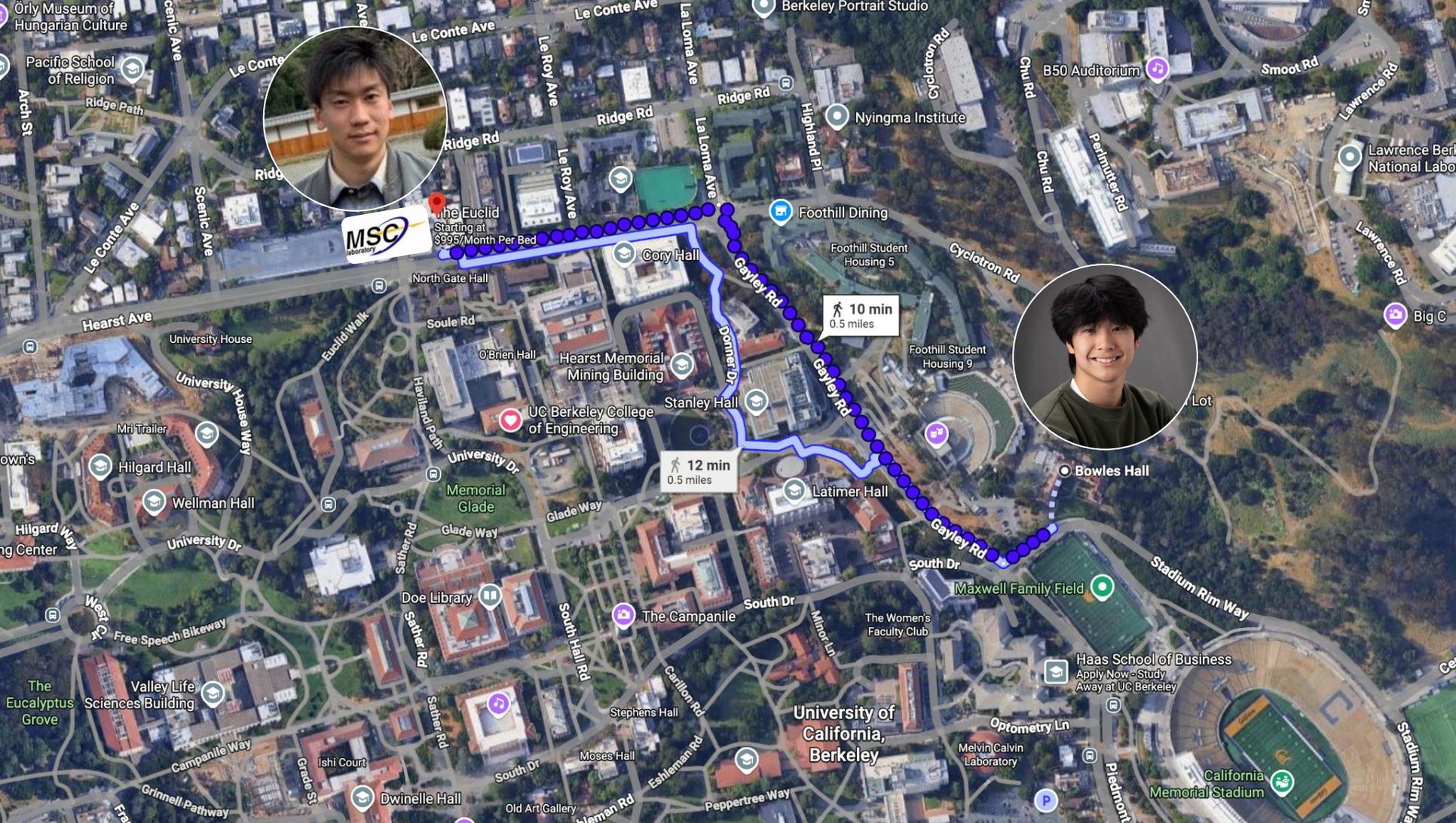












MSC
Laboratory

The Euclid
Starting at \$995/Month Per Bed

10 min
0.5 miles

12 min
0.5 miles



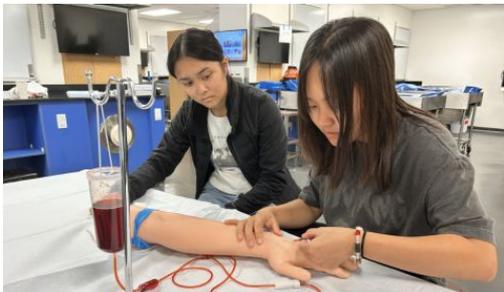
Bowles Hall

University of
California,
Berkeley



Stanford
MEDICINE

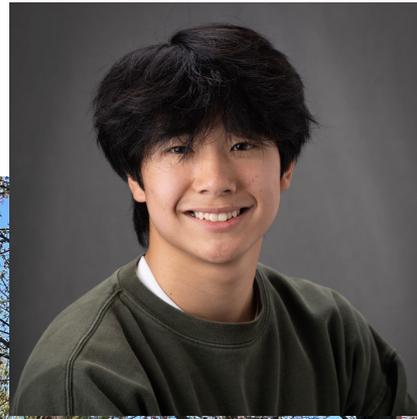
Clinical Anatomy

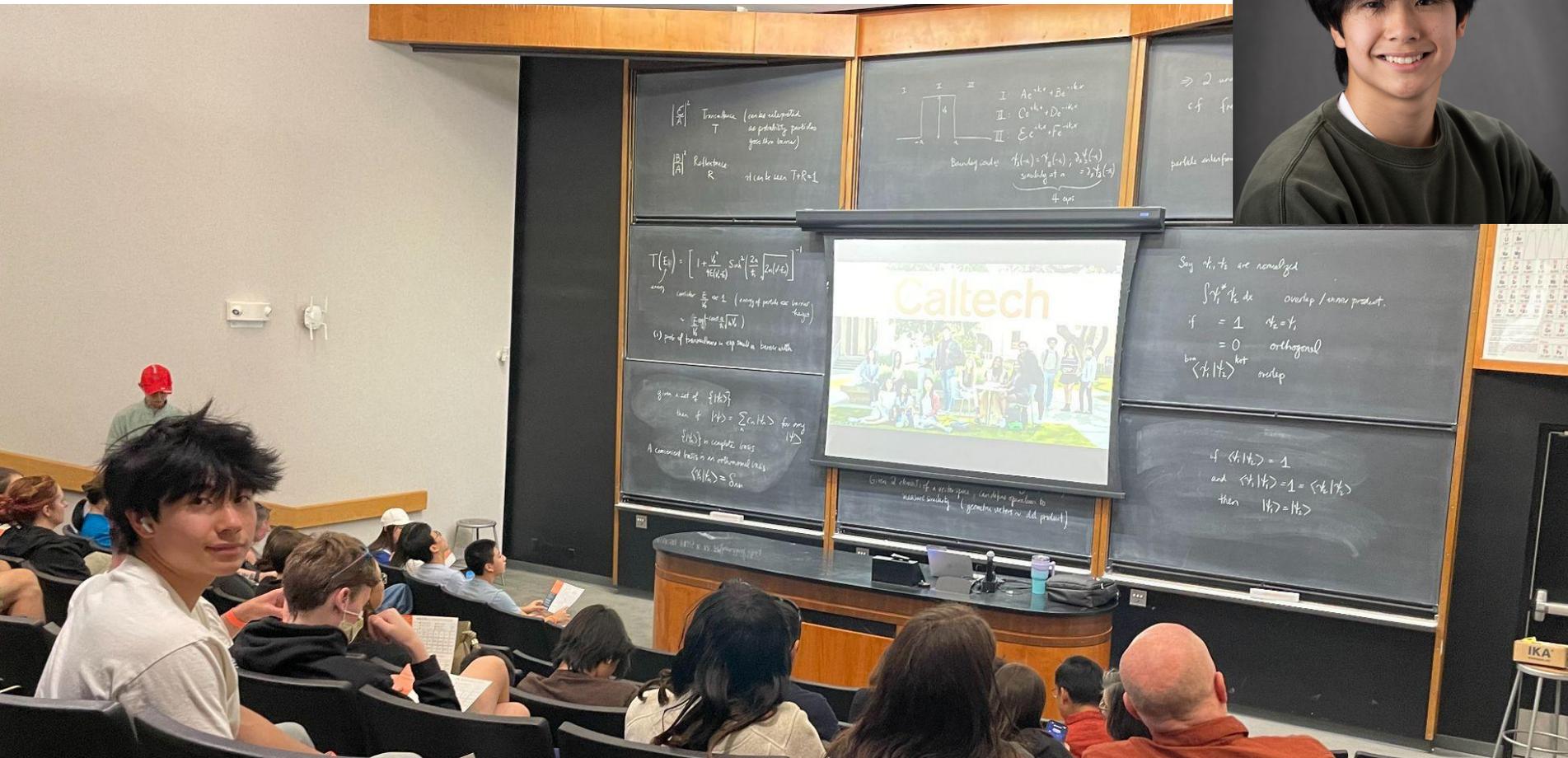


1.	 Stanford University	Biomechanical Engineering	
2.	 Massachusetts Institute of Technology	Mechanical Engineering	
3.	 Berkeley UNIVERSITY OF CALIFORNIA	Mechanical Engineering + Bioengineering + [Business]	
4.	 UNIVERSITY OF OXFORD	Engineering Science	EIT Internship
5.	 REED COLLEGE	Physics + Bioengineering	Dual Degree Program
6.	 Caltech		
7.	 JOHNS HOPKINS UNIVERSITY	Biophysics	Top Program



JOHNS HOPKINS
UNIVERSITY





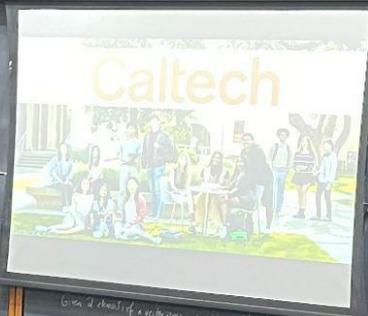
$\left| \frac{\psi}{R} \right|^2$ Transmittance (waves reflected as probability particles go other way)
 $\left| \frac{\psi}{R} \right|^2$ Reflectance R it can be seen $T+R=1$

I: $Ae^{-ikx} + B e^{ikx}$
 II: $Ce^{-ikx} + D e^{ikx}$
 III: $E e^{-ikx} + F e^{ikx}$
 Boundary conditions: $\psi_I(a) = \psi_{II}(a), \psi'_{II}(a) = \psi'_{III}(a)$
 similarly at $a = 2, \psi'_I(a) = \psi'_II(a)$
 4 eqs

$$T(E) = \left[1 + \frac{V_0^2}{4E(E+V_0)} \sin^2 \left(\frac{2a}{\hbar} \sqrt{2m(E+V_0)} \right) \right]^{-1}$$

energy consider $E_0 < V_0$ (energy of particle less barrier height)
 $= \frac{1}{2} \left(\frac{1 + \cos \theta}{1 - \cos \theta} \right)$
 (1) pair of bound states in eq. small a, bound with

given set of $\{ \psi_i(x) \}$
 form $\Psi(x) = \sum c_i \psi_i(x)$ for any $\Psi(x)$
 $\{ \psi_i(x) \}$ in complete basis
 A complete basis is an orthonormal basis
 $\langle \psi_i | \psi_j \rangle = \delta_{ij}$



Say ψ_1, ψ_2 are normalized
 $\int \psi_1^* \psi_2 dx$ overlap / inner product.
 $\int = 1$ $\psi_1 = \psi_2$
 $= 0$ orthogonal
 btw $\langle \psi_1 | \psi_2 \rangle$ not overlap

$\int \langle \psi_1 | \psi_2 \rangle = 1$
 and $\langle \psi_1 | \psi_1 \rangle = 1 = \langle \psi_1 | \psi_2 \rangle$
 then $\psi_1 = \psi_2$

Given 2 choices of a vector space, can define operations to measure similarity (dot product) & geometric vectors in 3d product



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OXFORD





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Massachusetts
Institute of
Technology



Number 1 in Mechanical
Engineering!





Stanford
University

Biomechanics Laboratory



【2023~2027】



1. Experience「経験」		Technical Skills「技術力」
A.	Watney Robotics (Silicon Valley Startup) 	Robot Arm Controller Assembly, Teleoperation, ML Models Training, PCB Soldering, CAD Design, Prototyping
B.	Tumoral Evolution (Mathematical Oncology) 	Cancer Population Dynamics, Press-Pulse, Mass Extinction, Dose Optimization, Gompertzian Growth, Fick's Laws
C.	Monte Carlo Simulation (Computational Biology) 	OpenWorm, Sibernetic, <i>C. Elegans</i> , Monte Carlo Method, Decussation, Somatic Twist, Evolutionary Biology

2. Talented「異能」Outstanding「優れている」	
a.	2 International Posters: 25th IWM & PEQG 2026
b.	5 National Contest Awards: 
c.	8 STEM Fair Prizes: 
d.	SAT Score: 1550 (760 EBRW, 790 Math)
e.	WISC-V: Extremely High (Full Scale IQ: 138)

3. Wish to Achieve「これから成し遂げたいこと」	
a.	18 Math Courses on High School Transcript (Jun 2027)
b.	Participate in iGEM Jamboree in Paris (Nov 2026)
c.	Research Paper for Regeneron STS (Jun~Oct 2026)
d.	12 Credits @ Berkeley: 3 CS/Data Courses (Aug 2026)
e.	8 AP Exams: 4 Science, 2 Math, 2 Econ (Jun 2026)



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