

Huixi Lee

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EDUCATION

University of California, Los Angeles (GPA: 4.0/4.0) Expected Graduation June 2027

Bachelor of Science in Microbiology, Immunology, and Molecular Genetics

- Relevant Coursework: Mathematics for Life Scientists, General Chemistry for Life Scientists, Cell and Molecular Biology, Statistics

International School @ Parkcity Kuala Lumpur (GPA: 4.0/4.0) Graduated in July 2023

- Won “The Academic Scholarship” of \$17400; selected as “Outstanding Student of the Year” for 2022 & 2023
- Achieved all 11A*s at IGCSEs: Top in the World for Mandarin, Top in Malaysia for Art, Top in school for Biology, Physics, Chemistry
- Awarded Gold certificate and ‘Best in Year’ for UKMT Senior Math Challenge

PROFESSIONAL EXPERIENCE

180 Degrees Consulting January 2024 - Present

- Consultant; collaborated with a team of student consultants to provide strategic advice and solutions to non-profit organizations, including Jazz Hands for Autism and Find Your Light Foundation
- Researched and presented deliverables addressing challenges in areas such as marketing, strategy, finance, and operations, while making a positive social impact

Bruins for Business Health September 2023 - Present

- Member; co-led a team to secure victory in a Life Science Market Entry case competition by actively fostering team collaboration, leveraging collective skills, and contributing innovative strategies for our team’s success
- Contributed to promoting the intersection of business and healthcare, networked with MBA students, entrepreneurs, and data scientists, gained exposure and insights to different careers in the business healthcare industry

Biomedical Engineering Society Cell Team September 2023 - Present

- Member, Researcher; collaborated on research project “Analyzing mazEF (Stress-Induced Cell Death System) Gene Expression in E. coli Under Different Stresses Using PCR and Gel Electrophoresis” and delivered a journal club presentation on “DNA Origami as a Carrier for Circumvention of Drug Resistance”
- Developed proficiency in technical lab skills and techniques including western blot, cell culture, cloning and miniprep plasmid extraction and on how to use softwares including SnapGene and Fiji

TUMx: Biotech – From Science to Business – Technical University of Munich December 2023 - January 2023

- Enrolled in a 4-week course illustrating the challenges of biotech entrepreneurship and starting biotech ventures
- Developed skills on how to assess business potential through qualitative and quantitative approaches, understand and evaluate business model concepts, plan next steps to bring biotech innovation to the market, and define business strategies to reach a vision

Social Enterprise World Forum (SEWF), Speaker, Presenter October 2022

- Selected as 1 of 4 students globally to organize a 100% youth-led official session of SEWF 2022 to advance social enterprise development
- Co-designed the ACCELERATE Framework for guiding youth to kickstart their own social enterprise journey and presented my speech on “Ambition” and “Culture” to 500+ viewers from 40+ countries

Pharmaniaga, Intern July 2022

- Gained valuable insights into drug manufacturing and development processes at Malaysia’s leading pharmaceutical company
- Tested physical properties of drugs in the formulation lab and conducted a report on anti-diabetic drugs.

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

PhD and Undergraduate Life Scientists in Academic Research September 2023 - Present

- Mentee; discuss research initiatives, bridging the gap between PhD and undergraduate life scientists, fostering interdisciplinary knowledge exchange and advancing academic pursuits.

Biomimicry Youth Design Challenge Coach

October 2022 - April 2023

- Founded a Biomimicry Club, created weekly lesson plans, instructed and provided guidance, resources and support to 13 students to prepare them for a global competition aimed at providing solutions to critical real-world problems through biomimetic design.
- Commended by judges for 'Myoelectric Bionic Prosthesis' and 'Nature-inspired "BLOOB" Bus' entries that targeted SDGs 3 and 11

24 Hour Race, Member, Kuala Lumpur, Malaysia

November 2019, October 2022

- Raised \$580 to fight against human trafficking, awarded "Most Laps Ran - Female" for running 32 miles

UNITE Workshops, Founder

December 2021 - July 2022

- Mentored 11 volunteers on presenting, speaking and hosting skills in weekly meetings
- Taught various subjects to 100+ refugee children in spring of 2022, fostering self-confidence, promoting communication and interpersonal skills, and nurturing a sense of community and belonging through engaging activities and providing access to education

ISP Community, Head Ambassador, Lead Ambassador

September 2018 - July 2022

- Led and oversaw a team of 11 students while liaising and communicating with staff, parents and refugee centers to organise events bringing the school and wider community together
- Achievements: Reached out and gave gifts to 637 refugees in our annual gift appeal, raised over \$1712 for breast cancer awareness

International Social Science Conference for Youth, researcher, published author

October 2021

- Published a research paper in ISSCY's journal titled "Therapeutic Dieting and the Gut: An Accessible Strategy for Depressive and Anxiety Disorders"

Basketball, Volleyball, Team Captain

April 2018 - July 2019

- Advised and coached skills to team members including game strategies and tactics, and how to improve their digging technique
- Achievements: MIP and MVP, team won 2nd and 3rd place in inter-school tournaments

ADDITIONAL SKILLS AND INTERESTS

Languages: English (fluent), Mandarin (fluent), Malay (limited working proficiency)

Interests: basketball, volleyball, badminton, upcycling, thrifting, 3D modeling, graphic design