

Jason Christopher Wang

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Education

Massachusetts Institute of Technology , Cambridge, MA Bachelor of Science in <u>Biological Engineering</u> and <u>Management</u>	2027 GPA: 5.0/5.0
Brentwood High School , Brentwood, TN ACT: 36; Salutatorian	2023 GPA: 4.0/4.0

Experience

Vanderbilt University , Nashville, TN Macara Lab Researcher / Dept. of Cell & Developmental Biology	Jun 2022 – Aug 2023
<ul style="list-style-type: none">Led project studying early mechanisms of E-Cadherin endocytosis during Ras transformation of epithelia → 2023 Regeneron STS Finalist (awarded to top 40 high school senior researchers in the United States), > \$29,000 awarded, and fully funded trip to Washington D.C.Presented work at the university (Cell Dynamics Symposium), national (STS 2023), and international (ASCB) levels.	
Ragon Institute of MGH, MIT, and Harvard , Cambridge, MA Bryson Lab Researcher / Dept. of Biological Engineering	Oct 2023 – May 2024
<ul style="list-style-type: none">Worked on a method to label interactions between macrophages and T-Cells called sortagging and ultimately expressed Thy1.1 on the surface of macrophagesConstructed and tested ERK and JNK KTRs to visualize intracellular signaling of live macrophages during the bacterial infection process.	
JURA Bio , Boston, MA BD & Research Intern / IAP (Independent Activities Period)	Jan 2024 – Feb 2024
<ul style="list-style-type: none">Conducted real estate market analysis to assist in strategic company expansion.Conducted due diligence and wrote reports for 4 competitor companies that were distributed to company executives and the board.Wrote whitepapers on relevant technologies to JURA and potential applications of our science.	
Novonesis, a Novo Holdings company , Lyngby Kongens, Denmark Diversity & Prototyping Intern / Supported by MISTI Denmark	Jun 2024 – Aug 2024
<ul style="list-style-type: none">Working on the enzyme engineering team to alter the chain length specificity of lipases through rational design.Responsible for creating 84 variants, cloning, purifying the protein, and assaying for enzyme efficiency.	

Leadership & Service

Adventure Science Center , Nashville, TN	Jan 2020 – Aug 2023
<ul style="list-style-type: none">Served on youth leadership board called Cr3w → contributed 300+ hours towards running public experiment demonstrations meant to teach visitors about science in everyday life, helped run 4th of July event attracting hundreds of visitors across middle TN.	
BHS Swim Team Captain , Brentwood, TN	Aug 2022 – May 2023
<ul style="list-style-type: none">Led interest meetings, helped swimmers with event registration, and organized team events. Ultimately helped lead BHS to be TN top scoring public high school.	
MIT Associate Advisor , Cambridge, MA	Aug 2024 – Current
<ul style="list-style-type: none">With a joint faculty advisor, I advise first-year MIT undergraduates to help them adapt and thrive on campus. I guide them through class registration and accessing academic and personal resources.	

Activities and Extracurriculars

Men's varsity swimming || MIT Consulting Group || Makerlodge || MIT THINK