

Lily Su

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EDUCATION

University of North Carolina at Chapel Hill

Chapel Hill, NC

Bachelor of Science in Computer Science, Bachelor of Arts in Business

Expected May 2025

- **Coursework:** Foundations of Programming, Intro to Economics, Tools for Information Literacy, Intro to Financial Accounting, Discrete Mathematics

North Carolina School of Science and Mathematics

Durham, NC

Residential Student

May 2021

- **Weighted GPA:** 4.9 / 4.0; **SAT:** 1550 / 1600
- **Honors:** National Economics Challenge State Qualifier; National German Exam Gold and Silver Award (2017-2019); Mu Alpha Theta-Math Honors Society
- **Coursework:** AP Calculus, AP Statistics, Physics: Mechanics, Physics: Electricity & Magnetism, Electrical Engineering, Ecology, Aquatic Ecology, AP Chemistry, AP Microeconomics, AP Psychology, American Studies, Civil Engineering, Environmental Science

WORK EXPERIENCE

Langerhans Lab at NC State University

Raleigh, NC

Mentorship Research Student

June 2020 – May 2021

- Researched under the supervision of Dr. Langerhans on an ongoing project on Bahamas Mosquitofish
- Analyzed over 500 Bahamas Mosquitofish and their genitalia utilizing TPS Software to landmark and note important features and injuries on each fish and documented the research findings
- Evaluated research papers relevant to the evolution of genitalia in Bahamas Mosquitofish
- Represented the lab and present research at multiple symposiums including the State of North Carolina Undergraduate Research and Creativity Symposium and Mentorship Symposium

LEADERSHIP & VOLUNTEER EXPERIENCE

Pearl Hacks

Chapel Hill, NC

Sponsorship Outreach Committee

Aug 2021-Present

- Research and connect with over 70 companies to secure sponsors, workshops, and mentors for all women and nonbinary student-run hackathon
- Collaborate weekly with 7-person team to coordinate outreach strategy and contacts

North Carolina School of Science and Mathematics

Durham, NC

Residential Life Assistant

May 2020 – May 2021

- Developed programs for resident hall to foster community and culture among 34 residents
- Educated residents on housing procedures including safety and security guidelines / standards
- Acted as first line emotional support for residents and interacted regularly to ensure well-being
- Created a diverse and inclusive dorm learning environment community for current residents

North Carolina School of Science and Mathematics

Durham, NC

Senior Senator, Director of the Outreach Committee

March 2020 – May 2021

- Developed relationships with local business owners in the Durham to negotiate discounts for students
- Collaborated with other student government members to plan events for the student body
- Managed student body communications and informed students about student government events
- Created a video series showcasing the student body and the events planned by student government

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Python, HTML, CSS, TPS Software, JMP 15, LoggerPro, NetLogo, Autodesk Inventor

Languages: Conversational Proficiency in Chinese, Limited Proficiency in German

Activities: Rewriting the Code, Moonlight Dance Crew, NCSSM Competitive and Winter Cheer (Captain), Science and Math Ultimate Frisbee Girls (Captain), NCSSM EconChallenge (Officer), Investment Club, Girls Computer Science Club, Student Environmental Education Coalition, 2020 Destined For X Virtual Program