Victoria Li

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Education

UT Austin *August 2023 - May 2027*
- Chemical Engineering Major
- Materials Science Minor
- Principles of Computing Certificate

Skills

Technical: Laser Cutting, Milling, Lathing, 3D-Printing Design, Soldering,
Other: Solidworks CAD, FEMAP, Python, C, Video-editing, Sketching, German, Chinese

Work Experience and Projects

Longhorn Racing Member
University of Texas at Austin

Composites September 2023 - April 2024
- Active research and testing in various material for vacuum bladder use for optimal surface finish
- Design, modeling and simulation training in CAD and FEMAP

Data Acquisition September 2024 - Present
- Simulating in PyChrono to model and relay the car's information to other members during test drives
- Using CAN lines to connect and synthesize information from various sensors in an efficient manner

Organic Chemistry LA August 2024 - Present
University of Texas at Austin *Austin, TX*
- Patrol class times to answer questions, demonstrate models and explain concepts
- Assist in review sessions and guide students through synthesis problems

Neuroscience Book Publishing May 2019 - June 2022
Neurosensory Research Group *Plainsboro, NJ*
- Wrote and published easily comprehensible neuroscience books with retired Purdue Professor Dr. Pidgeon
- Credited author/illustrator on three books about Social Behaviors, Somatosensory, and Olfactory systems

Nonprofit Legal Director and Teacher October 2020 - Present
ScioVirtual - sciovirtual.org *Remote*
- Handled founding documents, 501(c)3, PVSA, and contractor salaries (~10k per year)
- Produced asynchronous learning content and practice questions at practice.sciovirtual

UT Austin Shipping and Receiving *September 2023 - May 2024*
McKetta Department *Austin, TX*
- Categorizing, logging and correctly handling incoming, potentially hazardous, packages
- Authorized payment processing of laboratory orders/corrections on monetary amount issues

Science Olympiad
West Windsor Plainsboro High School North *September 2018 - May 2023*

Captain
- Bronze in Cryptograms and WIDI at Nationals
- Created team rosters, lead practices, held and guided new members in lab events

ATX Science Olympiad Inventory Coordinator *August 2023* - Present
- In charge of gathering, cataloging, and storing all necessary materials for hosted competitions
- Wrote and proctored test for events in chemistry and cryptograms