BOWEN SONG

Medical School at UTHSC McGovern Medical School

281 673 9745
bowencsong@gmail.com
bowen-song.github.io
Houston, Texas

Incoming medical student interested in bringing evidence-based, equitable healthcare to all. Previous experiences emphasize the importance of compassion in healthcare. Over the last 2 years, helped provide cancer-related resources to several Austin-area communities.

WORK EXPERIENCE

Sponsorship Director
Texas Cycling Team | 2020 - Present

Managed client relationships and over $8,000 of support from sponsors.

- Maintained sponsorships with Brad Houston x Kevin Fish Law, Verge Sport, The Club ATX, Coffee Shark, Nuun, Park Tool, River Bluff Cabins, Chasco Constructors, Granat Technical Consulting, and UT Recreational Sports.
- Secured sponsorship with The Feed, seeking relationships with Clif Bar and Company and Science in Sport.

Various roles
Texas 4000 for Cancer | 2019-Present

Have held multiple positions in the 501(c)(3) organization, Texas 4000 for Cancer. Along with community cancer outreach programs and fundraising, every summer, this organization makes a 4,500+ mile bike ride from Austin, TX to Anchorage, AK.

- Hope Day Coordinator - Coordinated the organizations largest single-day fundraising/outreach event. Provided free skin cancer screenings and presentations on cancer prevention.
- Fitness and Safety Chair - Developed and implemented a detailed fitness plan for a team of 80 members. In light of the COVID-19 pandemic, this role has necessitated and cultivated adaptability.

Teaching Assistant/Peer Mentor
University of Texas at Austin | 2018 - Present

- Led weekly demonstration sessions to teach students about fundamental genomic research skills like PCR.
- Graded assignments and lab reports weekly, assisting with instruction when needed.

High School Research Academy Mentor
University of Texas at Austin | 2019

- Mentored four high school students, teaching basic lab techniques, safety and upkeep.
- Guided students on their individual research project which culminated in a presentation to lab members and current faculty.

Center for Cell and Gene Therapy Summer Intern
Baylor College of Medicine | 2018

Results from summer project were successfully used to negotiate with the FDA on changes that optimized existing lab protocols currently used to treat patients enrolled in CAGT's ongoing clinical trials.

- Processed blood samples for dendritic cells and stimulation of various types of cytotoxic T-lymphocytes.
- Completed a project on the effects of irradiation on dendritic cells for use in the stimulation of cytotoxic T-lymphocytes.

Staff Support
MD Anderson Cancer Center | 2014 - 2017

Aided at the volunteer center, intensive care unit, family waiting rooms; worked with patients and employees, often acting as the bridge between the two.

PROJECTS

Honors Thesis (2017 - Present)
University of Texas at Austin

Planning to complete and present a thesis by graduation through the College of Natural Science's Polymathic Scholars Honors Program. This thesis investigates what makes people believe so strongly in their mores and how that causes political polarization through the intersection of logic, philosophy, and psychology.

Personal Website
Github

This is meant to be an ongoing work-in-progress that provides a place to find some of the computational projects and hobbies I've been worked on.

EDUCATION

Doctor of Medicine
University of Texas McGovern Medical School
Incoming August 2, 2021 - 2025

BSA Honors Biology/Philosophy cert., GPA 4.0/4.0
University of Texas at Austin
2017 - 2021 (May 22, 2021)

AWARDS

Phi Beta Kappa
Elected to the Alpha of Texas chapter at the University of Texas at Austin.
2021

University Endowed Presidential Scholarship
Nominated by Dr. Janice Fischer, Associate Chair of Biology at the University of Texas at Austin.
2020

Ralph Steiner MD Scholarship
Awarded to select pre-medical students with exemplary academic performance.
2019

Eagle Scout Award
Highest rank awarded in the Boy Scouts of America.
2015

SKILLS

Technical

R/Python for data science

In vitro yeast/E. Coli experimentation

Basic genetic engineering: PCR/extraction/transformation/etc.

Virus-specific and multi-TAA-specific T-cell manipulation and manufacture

Professional

Effective communication

Team player

Strong problem solver

Good time management

LANGUAGES

English (Native)

Mandarin Chinese (Good)

INTERESTS

Cycling

Backpacking

Classical Music

bowen-song