Darong Qi
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EDUCATION

The University of Texas at Austin	Bachelor of Arts, Mathematics, minor Computer Science	Dec 2021
	Bachelor of Science and Arts, Neuroscience	Austin, TX
	Bachelor of Arts, Plan II Honors	
	Overall GPA: 3.803	

EXPERIENCE

Goldschen-Ohm Lab – *Undergraduate Research Assistant;* Austin, TX   June 2020 - Present
- Designed hidden Markov models and wrote scripts to analyze and visualize fluorescence data
- Developed and implemented features in custom data visualization software using MATLAB
- Published paper on the binding dynamics of a CNG ion channel

Robin Healthcare – *Senior Medical Scribe;* Austin, TX   May 2019 - March 2020
- Worked with multiple orthopedic surgeons remotely to generate medical visit summaries and streamline their delivery of care
- Taught and evaluated junior scribes in scribing technique and helped resolve technical issues with the company workflow

ACADEMIC PROJECTS

Animal Database – *UT Austin, Elements of Software Engineering*   Summer 2018
- Developed a full stack application that showed data on endangered animals
- Used Python Flask, PostgreSQL and vanilla HTML/CSS and hosted webapp on GCP

LEADERSHIP EXPERIENCE AND ACTIVITIES

Plan II Premedical Society – *Treasurer*   Fall 2019 – Spring 2020
- Brought in influential speakers to speak about the intersection of healthcare and humanities and nontraditional paths to medicine
- Volunteered with Austin State Hospital to plan special events and improve the quality of life for its psychiatric patients

Texas Chinese Students Association – *Secretary, Sports Director*   Fall 2018 - Spring 2019
- Spearheaded a series of reforms to the organization to overhaul officer board leadership and streamline workflow
- Began new publicity initiatives that grew a 50+ member organization to 200+ members over the course of a year
- Maintained the online document system, kept accounts, and managed sports for the 3rd largest cultural organization on campus

University Business and Management Research Association (Texas UMBRA) – *Research Team Member*   Fall 2017, Fall 2019
- Conducted market research and pitched solutions for three local Austin companies
- Educated new members about applying the design thinking mindset to company analysis

Asian Business Students' Association – *Scoring Careers Committee, Feed Your Mind Committee*   Fall 2018 - Spring 2018
- Oversaw and handled logistics and event coordination for two events with over 400+ attendees
- Cold-called sponsors and secured over 20 boxes of food for an on-campus philanthropy event

VOLUNTEERING

Seton Hospital Network – *Volunteer, Dell Seton Medical Center and Ascension Seton Medical Center*   Fall 2018 - Present
- Assists nurses and other healthcare practitioners in transporting, coordinating, and delivering care to patients
- Helps convey healthcare needs from patients to nurses through an internal communications system

HONORS

- **National Merit Semifinalist**   Fall 2016
- **Gold Presidential Service Award**   Spring 2017
- **Dean's Honor List**   Fall 2017 - Spring 2019

ADDITIONAL INFORMATION

Computational Languages: Python, R, JavaScript, PHP, Pandas, Matplotlib
Relevant Coursework: CS 313E (Software Design), CS 329E (Software Engineering), CS 329E (Web Design), CS 329E (Machine Learning)
Languages: Bilingual in Chinese/English
Work Eligibility: Eligible to work in the U.S. with no restrictions