

Grace Y Jiang
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Local Address

2605 Whitis Avenue # 235
Austin, Texas 78705

Permanent Address

3235 Vista Lake Dr.
Sugar Land, Texas 77478

Education

Bachelor of Science, Biomedical Engineering, May 2020
The University of Texas at Austin

Related Courses

Introduction to BME Design; Health in Multicultural Populations; Sequences, Series, and Multivariable Calculus; Principles of Chemistry II

Experience

06/2015 - 08/2016

Intern, Dr. Chandra Mohan, University of Houston – Dept. of Biomedical Engineering

- Worked extensively with a PhD student and learned about laboratory techniques and procedures
- Completed and presented a project that investigated the effects of temperature on possible urinary biomarkers for lupus nephritis

07/2016 - 08/2016

Intern, Dr. William Epling, University of Houston – Dept. of Chemical Engineering

- Helped implement and design a Labview program for remote adjustment and detection of gas flow rate through gas chromatographs and FTIR spectrometers
- Introduced to Fieldpoint I/O (Analog outputs, connector blocks)

08/2015 - 03/2016

Researcher, Dr. Chu Chun, Baylor College of Medicine

- Researched effects of oxidative stress on the Nrf2 promoter
- Presented poster at high school for Senior Project
- Introduced to RT-PCR, luciferase assays, Primer3

02/2016 - 07/2016

Tutor, IQ Learning, LLC.

- Tutored high school students in: Geometry, Algebra II, Pre-calculus, SAT test preparation, AP Biology, AP Chemistry
- Designed tutoring curriculum for HS Biology 1 and 2

07/2014-08/2015

Summer Counselor, Children's Association for Maximum Potential (CAMP)

- Provided direct care services to children and adults with special needs (e.g. autism) and assisted with outdoor activities in a variety of programs during their summer residential camping
- Underwent training on child development, hygiene, personal care, behavior management, and medical diagnoses

Skills

Immunoassay (ELISA: Enzyme-Linked Immunosorbent Assay)
Sterile Techniques
Autocad

Accomplishments

USA Biology Olympiad (USABO) Semifinalist (2015, 2016)
Media Director for Programmers in Science & Engineering