

ETHAN CHEN

ethanwchen@gmail.com | 281-416-3028

Education

University of Texas at Austin

August 2020 - May 2024

Bachelor of Science in Mathematics – Minor in Computer Science and Informatics GPA: 3.89

• **Courses:** Data Structures, Web Programming, Elements of Computing

Skills

Languages: Python, Java, SQL, JavaScript, HTML, CSS, PHP

Technologies: React.js, VSC, MySQL, Superset, Snowflake, Git, Linux, Autodesk, Blender, Google Co-Lab

Professional Experience

Entera

Acquisitions Analyst Intern

Houston, TX

May 2022– Present

UTHealth

Software Developer Intern

Houston, TX

June 2020 – Jan 2021

- Developed a Neural Network that would analyze retinal damage and predict the early onset of cancer
- Developed a demo Neural Network to present to graduate students within a Genetics/Informatics class

Lazarus 3D

Engineering Intern - Production Team

Houston, TX

May 2019 – Aug 2019

- CAD-ed and created 3D models of organs for printing and assembly through Autodesk
- Filled and exported such 3D models to surgeons, medical experts, and students
 - Collaborated with different clients and created models catered towards their specific needs

Onramps

Course Grader/ Helper

Austin, TX

August 2021– Present

- Graded and provided feedback to assignments to over 100 school districts and thousands of students
- Collaborated course teachers and coordinators to ensure quality grading and efficiency

Baylor College of Medicine

REU

Houston, TX

June 2021 – August 2021

- Responsible for running and comparing vireo predictions (with and without external genotypes) to ground truth
- Analyzed and visualized data collected by the lab through R
- Introduced to a demultiplexing project using vireo

Projects/Leadership

Commuter

Created a web application that utilizes AJAX, JS, PHP, and other front-end resources that displays COVID 19 information of different travel destinations

Society of Asian Scientists and Engineers - VP Corporate