

ROHAN SINGEETHAM

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EDUCATION

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| The University of Texas at Austin | Bachelor of Science and Arts, Biology Honors | May 2022 |
| | Bachelor of Arts, Health and Society; Health Care & Economy Track | |
| | Minor: Business | |
| | Certificate: Evidence and Inquiry; Applied Statistical Modeling | |

EXPERIENCE

Reata Pharmaceuticals, Inc. – Financial Analyst Intern July 2020 – Present

- Adapted Capital IQ to retrieve quarterly revenue data on top 25 large/mid-sized pharma companies for competitor analysis
- Assembled list of 1000+ vendors and constructed directory of vendor invoices and working orders totaling \$1.7M+
- Modified 2020 FY G&A and R&D forecast templates to reflect changes in 2021 FY forecasts and Long Term Projections
- Computed 2020 FY Cash Flow and Personnel forecasts in a slide deck in order to present to the Board of Directors

Block Chain in Health Impact Lab – Course Designer May 2020 – August 2020

- Assembling 15 slide decks for a semester long course on block chain applications in health care and medical accessibility
- Extrapolated data and use studies from 50+ research papers in order educate graduate students on novel issues

Dell Medical School – Quality Improvement Consulting Team January 2020 – May 2020

- Surveyed six different sized companies to understand their policies for accommodations for employees post-surgery
- Analyzed 15 case studies and research articles to determine common issues about physical and mental employer support
- Recommended long term strategy to the Department of Surgery for restructuring communication with employees post-op

RESEARCH EXPERIENCE

Laboratory for Cardiovascular Engineering & Therapeutics – Undergraduate Research Assistant May 2019 – August 2020

- Generated data and results for a peer reviewed academic research manuscript that is currently under review for publication
- Conducted human cell cultures to determine confluency and understand mechanical stress on mesenchymal stem cells
- Quantified vessel formation after angiogenesis to determine effectiveness of recovery after hind limb ischemia surgery

Freshmen Research Initiative – Undergraduate Research Assistant/Mentor January 2019 – Present

- Worked to identify the active site within the CDX2 Homeobox responsible for DNA double-strand breaks in human cells
- Synthesized and presented key findings and implications for future research to biomedical science researchers at UT
- Lead six students in the experimental design process to develop a novel assay for human cell research in DNA damage

LEADERSHIP EXPERIENCE AND ACTIVITIES

Senate of College Councils – Undergraduate Research Committee Co-Chair; At-large Fall 2019 – Present

- Engineering a remote research database for 50,000 undergraduate students to highlight virtual research opportunities
- Interpreted legislation at weekly general assemblies to enhance academic life and policy for the 22 college councils
- Led an annual state-wide research conference (CTURC) gathering 150+ presenters across numerous disciplines of research
- Organized a high school outreach event designed to engage 100 students in the Austin area about research and academia

Polymathic Scholars Leadership Panel – Panel Member Spring 2019 – Present

- Spearheading the “Unfinished Mind”, a weekly podcast discussing current events, innovation, and diversity across UT
- Facilitated five outreach and social events against \$10K budget within the program to encourage acclimation to campus life
- Designed a speaker event where five leading faculty debated about “the unknowns of science” for an audience of 200+
- Educating 50 first-year students about thesis planning and resources offered at UT as a Teaching Assistant in NSC 110H

HONORS

- Placed first at the Undergraduate Research Forum with the Biobricks for Molecular Machines Lab Spring 2019
- Polymathic Scholars Honors Program – One of 50 students accepted out of 3,500 applicants Fall 2018 – Present

ADDITIONAL INFORMATION

Computer Skills: Python (Elementary Proficiency), R Studio (Elementary Proficiency), MS Office

Certifications: Emergency Medical Technician Certified (EMT)

Languages: Fluent in English and Telugu, Elementary Proficiency in Spanish

Interests: Competitive Fusion Dance, Studio Art, Vlogging, Healthcare Policy, International Vegetarian Cuisine

Work Eligibility: Eligible to work in the U.S. with no restrictions