

# Manjula Andukuri

m.andukuri@utexas.edu

9700 Cinnabar Trail • Austin, Texas 78726 • (512) 299-5590

## EDUCATION

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<b>The University of Texas at Austin</b>	Bachelor of Chemical Engineering Honors Forty Acres Scholar Minor: Business Foundations GPA: 4.00	May 2020
<b>Westwood High School</b>	Rank: 2/647, GPA: 5.9/6.0	June 2016

## RESEARCH EXPERIENCE

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**Saleh Group – Student Researcher: The University of Texas at Austin** November 2016 - Present

- Design and develop novel and human-centered water treatment technologies to enhance economically challenged communities' access to potable water via innovative nanomaterial-enabled treatment processes.
- Investigating the role of aspect ratio on the porous media transport behavior of gold nanorods.

**Johnston Group – Student Researcher: The University of Texas at Austin** May 2015 – August 2015

- Design low viscosity protein samples to ease a patient's ability to self-administer biopharmaceuticals
- Proposed and implemented a mixing technique that has improved experimental reproducibility, while simultaneously reducing the time of the experiments
- Analyzed viscosity videos using Images to study the effectiveness of solutions

## LEADERSHIP EXPERIENCE AND ACTIVITIES

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**Genesis Program- Student Analyst** Spring 2016 - Present

- Provide student entrepreneurs with pre-seed non-dilutive capital and empower them to the next stage of business development
- Participate alongside mentors in activities tailored for early stage innovations and help source, screen, select, and support awardees

**Forty Acres Community Service Committee- Member** Fall 2016 - Present

- Part of a 3-member team that plans and coordinates monthly events and one large yearly event to increase scholar participation in the community
- Reach out to community partners to identify areas of need
- Previous projects included volunteering with 30 scholars at Umlauf Sculpture Garden and a thanksgiving food drive

**Texas Raas Indian Dance Team—Starter** Fall 2016 - Present

- Practice eight hours a week and perform in Washington DC, Atlanta, Baltimore, and Dallas for national competitions
- Establish budgets and work within budgetary limits for makeup, and design and apply makeup to reflect the theme

**Westwood DECA - Co-President** Fall 2012 – Spring 2016

- Participated in Financial Decision Making events at District, State, and International Competitions for 4 years
- Led and organized general meetings and connected with professionals in the community to guide students during preparation

**Be the Change – Youth Leader** Summer 2014 – Summer 2016

- Managed social media marketing for the Be The Change planning team to recruit over 1000+ volunteers in the Austin area
- Present to Austin City Council members about the importance of engaging and introducing youth to community service
- Facilitated an anti-bullying workshop for Burmese/Nepalese refugee children

**Westwood Serving our Society – Founder and Co-President** Fall 2014 – Summer 2016

- Organized several activities including a food drive for Capital Area Food Bank, holiday gift packing, and events for senior citizens
- Expanded SOS to two other high schools in the district

## HONORS

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- Texas Exes Forty Acres Scholarship – Premier Full Ride Scholarship at The University of Texas at Austin
- Community Service Recognition from the City of Austin June 2016
- Round Rock ISD Excellence in Leadership May 2016

**ADDITIONAL INFORMATION**

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**Computer Skills:** MS Word, Excel, PowerPoint, Java

**Languages:** Working Knowledge in Spanish