

FOUAD DEBS

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EDUCATION

The University of Texas at Austin	Bachelor of Science and Arts, Biology - Honors [Capstone Thesis]	May 2021
	Bachelor of Arts, Economics	May 2021
	Overall GPA: 3.713	

RESEARCH EXPERIENCE

Undergraduate Research, Plant Pathways FRI Lab <ul style="list-style-type: none">Gene Manipulation and targeting with Arabidopsis model plant via the Freshman Research Initiative Program	Spring 2017 - Present 5 hours/week
FRI Summer Fellowship, Plant Pathways FRI Lab <ul style="list-style-type: none">Worked on independent project to create a gene construct consisting of the Myb5 Promoter and Gus gene to manipulate phenotypic expressions in Arabidopsis	Summer 2018 20 hours/week
Undergraduate Research Forum Presentation <ul style="list-style-type: none">Poster presentation explaining the research conducted over the course of the summer Program	Spring 2019

WORK EXPERIENCE

Peer Mentor – The University of Texas at Austin – Plant Pathways FRI Lab <ul style="list-style-type: none">Supervised freshman students in completing experiment protocols in a molecular biology wet lab	January 2019 - Present 5 hours/week
Private Tutor – Self Employed <ul style="list-style-type: none">Tutored high school students in the community in mathematics and standardized test taking	August 2015 - Present 4 hours/week

LEADERSHIP EXPERIENCE AND ACTIVITIES

St Elias Greek Orthodox Church – Student Leader <ul style="list-style-type: none">Incorporated new children members of the church into customs and Sunday school to enrich religious educationOperated and helped prepare kefta sandwiches for booth at annual Mediterranean Festival to raise money	Fall 2013 - Present
Best Buddies – Peer Buddy <ul style="list-style-type: none">Peer leader among other volunteers who spend time with students with different disabilities	Fall 2018 –Spring 2019
Phi Chi Theta Co-Ed Business Fraternity – Pledge Class Leader <ul style="list-style-type: none">Participated in philanthropy events in ordinance with Saint Louise House to provide mentorship to young childrenTeam Leader for McCombs Case Competition, building sales plan for company operation of DaVita Healthcare	Fall 2019 - Present

SHADOW AND VOLUNTEER EXPERIENCE

Shadowing under Dr. Robert M. Markus, Jr. MD, FACS <ul style="list-style-type: none">Shadowed Dr. Markus in the operation room where I witnessed various general surgery operations, such as laparoscopic and robotic hernia repairs and cholecystectomies	Summer 2019 - Present
Shadowing under Dr. Anthony R. Bittar, MD <ul style="list-style-type: none">Shadowed Dr. Bittar in the operation room where I witnessed various Ear, Nose, and Throat surgery and cosmetic plastic surgery operations, such as tonsillectomies, deviated septum repair, and rhinoplasty	Fall 2019 – Winter 2019

Saint Louise House

Fall 2019 - Present

- Provide mentorship to young children whose mothers are experiencing homelessness in the form of reading to students and giving talks emphasizing the importance of health care and safety

AWARDS

FRI Summer Undergraduate Research Fellowship
Presidential Scholars Scholarship
Silver Spurs/ Joe M. Dealey Scholarship

Texas Excellence and Jobs Service (TEJAS) Award
University Honors
8th Place HOSA Internationals in Medical Innovation

SKILLS

Lab Techniques: Micropipette, PCR, DNA Purification, Gel Electrophoresis

Certifications: CPR Certification (2018), First Aid Certification (2018), Microsoft Office Specialist Certification (2015)

Languages: Fluent in Lebanese Arabic