

Jack Friedberg

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OBJECTIVE: To obtain a summer internship in the fields of Computer Engineering or Computer Science

EDUCATION

Texas A&M University, College Station, TX
Bachelor of Science in Computer Engineering
Lafayette High School, Lafayette, LA
Rank: 55/552

May 2020
GPA: First Semester Student
May 2016
GPA: 3.72

SKILLS

Arduino **MATLAB** **Simulink** **Eagle Circuit Board Design** **Fluent in French** **Excel**

EXPERIENCE

Cajun Artificial Heart Lab, University of Louisiana in Lafayette, Lafayette, LA

June 2015 – May 2016

Research Assistant

- Built and tested a device that adjusted the density and viscosity of a fixed volume of liquid in a hydraulic mock circulatory loop used for testing the efficacy of artificial heart valves
- Calibrated pumps, programmed an Arduino, designed and printed a circuit board, programmed a MATLAB GUI, empirically tested the device
- Presented project at the Southern Biomedical Engineering Conference in Shreveport, LA
- Gained insight into the field of Biomedical Engineering while still in high school, learned valuable skills such as circuit board troubleshooting and basic programming, and gained experience presenting a project in front of an audience of 50+ engineers and students

ACTIVITIES

Texas A&M Aggie Investment Club

September 2016 – Present

Member, September 2016 – Present

- Winner of Seeking Alpha Collegiate Stock Pitch Competition at Texas A&M
- Published Contributor on Seeking Alpha

Lafayette High School Investment and Trading Club

August 2013 – May 2016

President, August 2015 – May 2016

- Created agendas for and led weekly meetings of over 50 members
- Procured guest speakers and designed interactive activities for members to better understand investment and finance

Vice President, August 2014 – May 2015

- Organized an online investment simulator competition and helped run bi-monthly meetings

Chairman of the Appropriations Committee, August 2013 – May 2014

SERVICE

Lafayette High School National Honors Society

August 2013 – May 2016

- Volunteered for 75+ hours of peer tutoring while being required to maintain a 3.5 GPA

HONORS

Texas A&M President's Endowed Scholarship

American Legion School Award

- Given by high school principal to one male and one female student upon graduation for exhibiting "courage, honor, leadership, patriotism, scholarship and service"

National Merit Finalist

- Given to 15,000 students nationwide based on PSAT score, essay, and teacher recommendations