

EDUCATION

Rice University	Computer Science and Electrical Engineer Double Major
Graduation Date: May 2024 (Expected)	GPA: 3.39
Northeast Lakeview College	Associate of Liberal Arts
Graduation Date: May 2020	GPA: 4.0
Judson Early College Academy	Advanced Track: College Pre-Calculus to Calculus II
Valedictorian	GPA: 4.0
Graduation Date: May 2020	

WORK EXPERIENCE

Mathnasium of Converse, Part-time Employment	May 2019-Aug. 2020
+Instructed over 100 students with mathematical comprehension and application	
+Improved students' performance in their math classes by 20%; standardized test scores by 30%	
Tech Skills on Wheels, IT Summer Internship	Jun-Aug. 2019
+Developed over 10 STEM-related lesson plans to teach to over 20 kids from impoverished areas	
+Delivered technological aid and STEM education to households with less than \$25,000 income	
+Mentored students participating in NASA's Apollo Next Giant Leap Student (ANGLEs) robotics challenge	

TECHNICAL EXPERIENCE/EDUCATION

Team IV League; Portable IV Stand, Engineering Project	Aug-Dec. 2020
+Tasked with constructing a portable IV stand for Hospital de Amor, Brazil's most advanced oncological hospital	
+Design features the spatial efficiency of a 55 x 7.5 x 12.5 cm briefcase while meeting client's constraints	
+Team lead for the design block for a spring-expansion mechanism for the stand's shaft	
Rice Emerging Scholars Program, 6 weeks STEM Enrichment Program	Jun-Aug. 2020
+Coding Project: Created a complex simulation of a zombie apocalypse in Python using graphs	
Google CSSI, STEM Enrichment Program	Jun-Aug. 2020
+Completed the Coursera's Algorithmic Toolbox course from UC San Diego within 2 weeks	
MIT's LLCipher, Cybersecurity Workshop	Aug 2019
+30 nationwide students were to attend competitive cybersecurity workshop taught by MIT professors	
Trinity University's SoHacks, Hackathon	Aug 2019
+Designed a secured software with user interface in Python to encrypt and decrypt computer files via password	

Involvement

Rice Eclipse Rocketry Club 2020-Present
+Research and develop hybrid rocket engines and compete in Spaceport America Cup
Rice Computer Science Club 2020-Present
+Networking community organization with mentors and fellow CS peers
Vietnamese Student Association (Rice) 2020-Present
+Representing Vietnamese culture and awareness at Rice campus
FIRST Tech Challenge 2016-2020
+2017-2020 Assistant Lead Programmer
+Implemented coding algorithm that led our team to place Top 5 in the Central-Coastal Texas Regionals
+Team received several awards every year including 2 Inspire Awards (highest distinction achievable in FIRST)
Class Officer Vice President, 2018-2019
+Promoted large-scale school events and raised attendances by 40%
Texas A&M SPARK! Engineering Challenge 2016-2018
+2017-2018 Team Lead
+Collaborated with three other members to construct a hydraulic press (2017) and a Stirling engine (2018)

AWARDS

The Gates Scholarship 2020
+Full-ride scholarship awarded to 300 nationwide applicants; 50% of recipients attend Top 10 universities
APIA Scholar Finalist 2020
+Finalist applicant for \$40,000 scholarship awarded to underserved Asian and Pacific Islander Americans
QuestBridge National College Match 2019
+Admitted to Rice University with full-ride scholarship as a low-income student
TexPREP Prefreshman Engineering Program Honors 2014-2017
+Honors recognition for extensive engineering summer program; received St. Mary's University scholarship \$30,000
FIRST Tech Challenge Awards
+ Inspire Award (2018, 2019) Team is an inspiration to other teams and demonstrates gracious professionalism
+ Think Award (2016, 2019, 2020) Best robotics documentation and quality of high-efficiency mechanism
+ Design Award (2016, 2018) Cohesive and effective design