

Michayal Mathew

Texas A&M Engineering Student



EDUCATION

TEXAS A&M UNIVERSITY: Bachelor's of Aerospace Engineering
Minor in Engineering Entrepreneurship. August 2015 - May 2018

UNIVERSITY OF NORTH TEXAS: Texas Academy of Mathematics & Science
Prestigious Early College Entrance Program that's ranked #1 in the Nation.
Graduated with 76 transferable credit hours. August 2013 - May 2015



PROJECT / LEADERSHIP EXPERIENCE

VIRTUAL REALITY RESEARCH May 2016 - Present

- Addressed needs within the Texas A&M Aerospace Engineering program in the fields of visualizing CFD data and Solidworks model interactions with VR.
- Pioneered virtual reality solutions for use with engineering applications.

MARKETING DIRECTOR OF CAREER FAIR Present

- Selected by the Texas A&M Student Engineering Council (SEC) to be in charge of all marketing and help organize the 2017 Engineering Career Fair.

ELECTROSPACE October 2016

- An integrated hardware and software platform that allows cloud control of roadside LED billboards, useful for targeted audience-based marketing.

FRIENDFLIX September 2016

- Allows the user to recommend content to friends directly from within Netflix.
- A Chrome extension that uses Facebook Auth API, and AWS Lambda.

MIZO DEVELOPMENT June 2016 - August 2016

- Founded company to do various contracting of engineering and prototyping, including, but not limited to: Solidworks modeling, and iOS app development.
- Made an iPhone app for a company that bolstered its valuation to \$2M.

AIAA DESIGN BUILD FLY TEAM September 2015 - February 2016

- Member of Aerodynamics subsection, responsible for flow simulations, determining flow characteristics, and wing geometry using XFLR5.

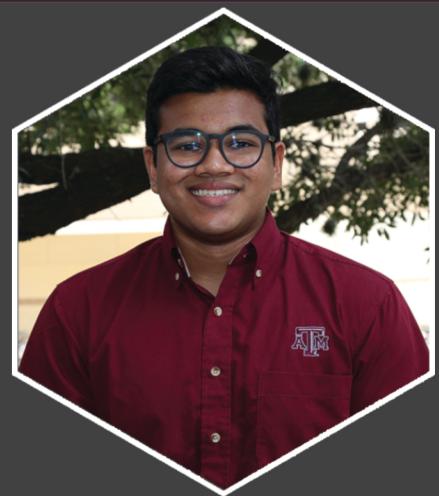
FIRST ROBOTICS September 2012 - May 2015

- Team 5212: Helped found team, and was lead mechanical engineer. Won the Rookie Inspiration Award and the FIRST Future Innovator's Award.
- Team 118: CAD Design Team, Strategic Lead of the scouting team.



RECOGNITIONS & AWARDS

- Selected for the SEC Professional Networking Trip to Washington, DC
- Finalist in the 2016 U-Ignite Idea Pitching competition (Electrospace)
- 1st place at Aggies Invent (Electrospace)
- Top 10 Hacks at TAMUhack (Friendflix)
- Founding member of Texas A&M M²AESTRO Research Laboratory
- Finalist in the 2016 Texas A&M Raymond Ideas Challenge (VIZard)
- Commencement Speaker at TAMS graduation 2015
- Graduate of Texas High School Aerospace Scholars Program at NASA
- Won Second place as Innovator at UNT's IdeaFest
- Second Place Speaker at UNT's (TEDx) TAMSTalks
- Hugh O' Brian Youth (HOBY) Leadership Seminar Representative



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Professional Skills:

Adobe Photoshop

Programming (Swift, C++, Python)

VR/Unreal Engine 4

Matlab

CAD Ability

Personal Skills:

Leadership

Public Speaking

Creativity

Troubleshooting

Teachability/Willingness to Learn

Add me on LinkedIn:

