

# Michayal Mathew

Texas A&M Engineering Student

Michayal Mathew is a student at Texas A&M University, majoring in Aerospace Engineering. In his free time, he grows his stock market portfolio, participates in Hackathons (24 hour programming competitions) and Business/ Idea Pitch competitions. He considers his creativity and public speaking abilities to be his greatest assets. He is currently doing Augmented Reality Research with Dr. Darren Hartl, and also works as a registered iOS App Developer with the company that he founded, Mizo Development.



## EDUCATION

**TEXAS A&M UNIVERSITY:** Bachelor's of Aerospace Engineering  
Business and Computer Science Minor. 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



## WORK & LEADERSHIP EXPERIENCE

**MIZO DEVELOPMENT:** June 2016 - Present

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

**PAID UNDERGRADUATE RESEARCH:** May 2016 - Present

Troubleshooted VR applications that use HP's zSpace for compatibility with SolidWorks and Abaqus. Built some of my own VR applications using Unity. Continuing in Fall 2016 with Augmented Reality devices.

**AIAA DESIGN BUILD FLY TEAM:** September 2015 - February 2016

- Member of the Aerodynamics subteam, was tasked with selecting and testing Airfoils for the wing design
- 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: Worked closely alongside NASA engineers to CAD design a complicated chassis. Strategic Lead of the scouting team.



## RECOGNITIONS & AWARDS

- Founding member of Texas A&M MAESTRO Research Laboratory
- Finalist in the 2016 Texas A&M Raymond Ideas Challenge
- Chosen to represent my class as the Commencement speaker at my graduation from the Texas Academy of Mathematics and Science (TAMS)
- Recipient of the prestigious TAMS Gold Cord for my altruistic service to the Denton/ DFW area
- Graduate of Texas High School Aerospace Scholars Program at NASA
- Won Second place as Innovator at UNT's IdeaFest and Speaker at UNT's (TEDx) TAMSTalks
- Selected as the representative for Clear Springs High School at the Hugh O' Brian Youth Leadership Seminar



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## PROFESSIONAL SKILLS:

Adobe Photoshop

Programming

Microsoft Office

Matlab

CAD Ability

## PERSONAL SKILLS:

Leadership

Public Speaking

Creativity

Troubleshooting

Teachability/Willingness to Learn

Add me on LinkedIn:

