

REAGAN SPEXARTH

reaspexarth@tamu.edu

281-900-1776

19 Argosy Bend Pl, The Woodlands TX, 77375

EDUCATION

Texas A&M Univeristy, B.S. in Nuclear Engineering 2016-2020

Academy of Science and Technology at The Woodlands College Park 2012-2016

RESEARCH

A Novel Approach to Drug Delivery through the Paramagnetic Manipulation of Carbon Nanotubes II 2015

Intel International Science and Engineering Fair Finalist, Texas Science and Engineering Fair Finalist, Science and Engineering Fair of Houston Life Science Grand Award, Science and Engineering Fair of Houston 1st Place in Medicine and Health, US Surgeon General Award of Excellence, Harris County Medical Society Award of Excellence, The Krishen Foundation for Arts and Sciences Award of Excellence, Sci://Tech Life Science Grand Award, Sci:// Tech 1st Place in Medicine and Health

A Novel Approach to Drug Delivery through the Paramagnetic Manipulation of Carbon Nanotubes 2014

Texas Science and Engineering Fair 5th Place in Biomedical and Materials Engineering, Science and Engineering Fair of Houston 3rd Place in Team Life Science, University of Houston Award for Creative Excellence, Sci://Tech 1st Place in Team Life Science

The Diamagnetic Levitation of Carbon Nanotubes for Surfactant Applications 2013

Texas Science and Engineering Fair Finalist, Science and Engineering Fair of Houston Team Grand Award, Science and Engineering Fair of Houston 1st Place in Team Physical Science, University of Houston Award for Creative Excellence, Society of Women Engineers Award of Excellence

ORGANIZATIONS

FIRST Robotics (FRC Team 1477) 2013-2016

Team Captain, Dean's List Nominee

World Championship Division Winner, Alamo Regional Chairman's Award, Dallas Regional Chairman's Award, Dallas Regional Innovation in Control Award, Bayou Regional Engineering Inspiration Award, Lone Star Regional Creativity Award, Lone Star Regional Finalist, Lone Star Regional Industrial Design Winner, Utah Regional Finalist

Chinese National Honor Society 2014-2016

WORK EXPERIENCE

Lead Instructor, American Robotics Academy 2016

Instructed 5-14 year olds in the basics of mechanical design and computer programming.

Assistant Robotics Instructor, Conroe ISD 2015

Mentor, FIRST Robotics (FLL Team 294) 2014-2016

Community Planner and Store Volunteer, Montgomery County Women's Shelter 2013-2016

REFERENCES

References available upon request.