



CODY OTTS

mechanical engineering

CONTACT

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Magnolia, TX 77354

SKILLS

SolidWorks
AutoCAD
Finite Element Analysis
Robotics Controller Design
Programming in C++
Solid Mechanics and Dynamics
Fluid Mechanics,
Failure Modes and Effects Analyses
Microsoft Office
Photoshop
MATLAB
LabVIEW
InDesign & Photoshop

HOBBIES

Board Games
Banjo/Guitar
Wood Working
Building Electronics

A dynamic, team spirited, and performance driven Entry-Level Mechanical Engineer who loves a challenge and thrives in fast-paced environments. Effective communicator and detail oriented, and eager to put my extensive studies into practical application.

EXPERIENCE

2 GETAWAY TRAVEL, MAGNOLIA, TX • GRAPHIC DESIGNER *May 2016 - Present*

- Web development and Graphic Design

TEXAS A&M TRANSPORTATION INSTITUTE • STUDENT TECHNICIAN *July 2014 - Jan. 2015*

- SolidWorks Drafting and 3D Modeling
- Performance of Finite Element Analyses
- Application of engineering knowledge to the testing of structures

RADIO SHACK, BRYAN, TX • SHIFT SUPERVISOR *Oct. 2012 - Dec. 2013*

- Personally responsible for daily reports and deposits
- Worked 35+ hours each week

ACTIVITIES

SPACE X HYPERLOOP POD COMPETITION *Sep. 2015 - May 2016*

- Designed propulsion/levitation system for pod
- Collaborated with team of over 40 students

APPLIED ELECTROMAGNETIC UAV RESEARCH PROJECT *Jan. 2015 - Aug. 2015*

- Created components using SolidWorks
- Operated 3D printer and Assembled functional prototypes

AMERICAN SOCIETY OF MECHANICAL ENGINEERING *Jan. 2014 - May 2015*

STUDY ABROAD IN SPAIN *May 2014 - July 2014*

- Studied along side University of Castilla La Mancha Students
- Toured throughout Spain and visited various large-scale construction sites

NASA COMMUNITY COLLEGE AEROSPACE SCHOLARS *March 2012*

- Competed in engineering design challenges directed by NASA engineers

HOPE 4 HONDURAS *July 2012 & Feb. 2013*

- Built a total of seven houses
- Tutored children in mathematics and English

EDUCATION

B.S. DEGREE, MECHANICAL ENGINEERING *May 2016*

Texas A&M University, College Station, TX