

Thomas M. Rodriguez

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Tucson, AZ 85745
(619) 248-0717

OBJECTIVE Mechanical engineer seeking a challenging entry opportunity in design, analysis, or testing in mechanical related industries.

EDUCATION *Bachelor of Science*, Mechanical Engineering
University of Arizona, Tucson, AZ, May 2013

CORE STRENGTHS & SKILLS

- Exceptional troubleshooting skills and analytical skills
- Outstanding customer service skills
- Flexible with outstanding organizational skills

EXPERIENCE

- Designed components in SolidWorks for adhesive pumping system for Ventana
- Designed MEMs accelerometer for usage in a lab setting with testing via Lab-View
- Machined a compressed air engine using CNC G code, SolidWorks, manual mill, and lathe.
- Using controls theory optimized current vs lift for Aeropendulum in Simulink and MATLAB
- Designed mechanical windshield wiper system with working model
- Designed HVAC using knowledge of ASHRAE Peak loads, zones and building materials
- Passed the FE Exam demonstrating basic knowledge of the ME curriculum

EMPLOYMENT HISTORY *Web Content/Social Media Manager* August 2014
Azmira Holistic Animal Care

- Awarded Employee of the year 2014 after demonstrating exemplary customer service for 5 months

Sales Associate August 2014
Azmira Holistic Animal Care

- Learned and applied the 8 week intensive curriculum of the Holistic Animal lifestyle to solve an assortment of customer issues

Tier 1 IOS Tech Support July 2013 - January 2014
Apple Computers

- Utilized Apple developed PAIR technique to quickly achieve solutions to customer problems and to maximize the efficiency of IOS devices

Midshipman October 2009 - February 2012
United States Navy

- Completed Personal Qualification System proving knowledge of the aircraft carrier USS Stennis during 3rd Class Midshipman cruise