

Matthew Tyler Moraguez

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OBJECTIVE: Seeking a summer internship in which to apply my dedication, creativity, and strong work ethic to solving real-world problems in the field of engineering.

EDUCATION

Bachelor of Science in Mechanical and Aerospace Engineering, May 2016

University of Florida, Gainesville, Florida

GPA: 4.00/4.00 (51 credits)

Coursework: Analytic Geometry and Calculus 1, General Chemistry 1 (with lab), Microeconomics

Courses to be completed by April 2013: Physics with Calculus 1(with lab), Analytic Geometry and Calculus 2, Computer Aided Graphics and Design, Professional Communication for Engineers

INVOLVEMENT

Member, American Institute of Aeronautics and Astronautics (AIAA)

Research & Development Field Test Team

- Evaluate strain on race car control arms to be replaced with carbon fiber
- Solder strain gages in Wheatstone half-bridge configuration

Intramurals, Indoor Soccer

Member, Small Satellite Design Club (SSDC)

Design Team, NASA's Reduced Gravity Student Flight Opportunities Program

- Design and develop a device for autonomous rendezvous and docking of satellites

Member, American Society of Mechanical Engineers (ASME)

Member, Society of Automotive Engineers (SAE)

Member, Catholic Gators

EXPERIENCE

Rehabilitation Volunteer, Loggerhead Marinelife Center, Juno Beach, FL, May 2011-Aug. 2012

- Collaborate with volunteers and veterinary professionals, educate visitors, record patient progress

Course Maintenance, John Prince Park Golf Learning Center, Lake Worth, FL, Aug. 2009-Sept. 2010

- Maintain course, operate picker, assist customers

Private Math Tutor, Placement Test preparation and Algebra

Chairside Assistant, Royal Palm Dental Associates, Royal Palm Beach, FL, Summer 2012

- Scheduling using computer software, assist dentist, organize charts, receive patients

LEADERSHIP

Florida American Legion Boys State, 2011

Hugh O'Brian Youth Leadership Conference, 2010

Student Government President (Cardinal Newman HS), 2011-2012

AWARDS

Scholarships: Florida Academic Scholar, J.M. Rubin Scholarship, Hispanic Chamber of Commerce Triunfo Scholarship

Inducted: Golden Key International Honour Society

Valedictorian, Cardinal Newman High School, West Palm Beach, FL, May 2012

International Baccalaureate Diploma, July 2012

SKILLS

Computer: SolidWorks, Microsoft Office, Programming in C and Visual Basic (Self-Taught)

Language: Fluent in Spanish