

ROARY PANTHER

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SUMMARY OF QUALIFICATIONS

- Bilingual mechanical engineer with leadership, problem solving, and collaboration skills
- Intermediate knowledge in robotics and designing gear systems
- Active in performing ongoing outreach and volunteer work in the local community
- Efficient communicator, assertive manager, and cooperative team player

EDUCATION

Bachelor of Science in Mechanical Engineering

May 2016

Florida International University(FIU); Miami, FL

- FIU Goodwill Scholarship Award; Dean's List: Spring 2015, Fall 2015
- GPA: 3.48/4.00

PROJECTS

Robot Car Design Team Leader

August 2015 - December 2015

Senior Design, Mechanical Engineering; FIU

- Oversaw the 3-person team by coordinating communication to mobilize team members
- Designed gear system, supports and shafts for the transmission (CAD Software)
- Manufactured parts using a 3D Printer (Markerbot Replicator 2)
- Increased car speed by 50% (speed 1, gear ratio 3:1), torque increased 25% (speed 2, gear ratio 1:2.5)

LEADERSHIP/SERVICE

Vice President

August 2014 - May 2015

International Affairs Society; FIU

- Recruited over 15 students and facilitated their professional development through presentations and guest speakers to encourage growth of the new members
- Fundraised \$2,000+ for non-profit causes such as Relay for Life, Cancer Association, and MAAD through outreach and tabling functions
- Coordinated communication and dissemination of information to members in a timely fashion through email, social media, and face-to-face meetings

WORK EXPERIENCE

After School Counselor

November 2015 - Present

South Florida After School All Stars; Miami, Florida

- Promote good behavior by using the positive reinforcement method and therefore encouraging children to create a conflict-free environment
- Interact with 25+ children on a daily basis that range from ages 8 to 15

Park Service Aid

August 2013 - October 2014

Village of Pinecrest; Miami, Florida

- Recognized as Employee of the Month (August 2014)
- Brought an energetic a lively personality to the work environment, along with attention to detail and concern with quality when interacting with staff and participants
- Contributed in the safety and supervision of participants in Village coordinated functions (cultural, community events, festivals, concerts, summer youth programs and etc.)
- Applied communication skills when working with co-workers to accomplish tasks in a team-oriented fashion with attention to detail and concern for quality

SKILLS

Technical: Intermediate Knowledge: C, Java, C++ programming language; Solidworks, Matlab,
Languages: Fluent in Spanish