

Rebecca Deleon-Hutton

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SUMMARY OF QUALIFICATIONS

- Demonstrated professional engagement evidenced by leadership involvement, internships, and part-time employment while advancing academically
- Gained numerous resources to environmental networks and events throughout the local community
- Computer/ Technical Skills: Microsoft Office Suite, CAD Programs (Inventor or Solidworks), BasicFunder Premier, Wordpress, and social media.

RELEVANT EXPERIENCE

Department of Energy, National Energy Technology Lab

June 2017 – August 2017

Mickey Leland Energy Fellow

- Created project-based learning tool that allows K-12 to fully understand and appreciate the Hybrid Performance (HYPER) Facility's research and development
- Characterized HYPER for the purpose of producing 3D maquettes models of said project using paper-based materials
- Identified key HYPER components and created 2D layout designs, directions for easy construction and assembly

The Green Society at UTSA - President

October 2015 - Present

- Organize environmental volunteering opportunities (education trail at Bulverde Oaks and community rain garden building) for 10-30 members
- Promote and attend educational outreach summits and workshops (i.e. Equinox, Sustainability Summit, Sierra Club Activism Training, and Solar Fest)
- Represented organization on various campus-wide and local committees (i.e. UTSA Sustainability Council, UTSA Campus Garden Steering Committee, Office of Sustainability, and Greater Edwards Aquifer Alliance) to advocate and increase in student sustainability

Greater Edwards Aquifer Alliance - Administrative Assistant

October 2015 – Present

- Manage secretarial duties on behalf of Executive Director: distribution of thank you letters, balance checkbook, update house of representatives information, and perform office filing duties
- Maintain office website using WordPress: upload documents, organize webpage, post upcoming events
- Coordinate visual merchandising duties: sell T-shirts, low impact development manuals, promote construction of community rain gardens
- Manage Donations Financial Officer duties: handle all monetary gifts (about \$30,000 a year), input all donations into BasicFunder Premier database, write deposit slips and pay utility bills

EDUCATION

The University of Texas at San Antonio (UTSA)
Bachelor of Science in Mechanical Engineering

Expected Graduation: May 2019
Cumulative GPA: 3.24

HONORS AND ACTIVITIES

- Honors College, UTSA
 - Student Government Association, Sustainability Committee, UTSA
 - UTSA Campus Garden Steering Committee
 - Society of Hispanic Professional Engineers, UTSA
- September 2016 – Present
November 2016 – Present
October 2017 – June 2017
August 2015 – May 2016

RELEVANT PROJECT

Construction of a Community Rain Gardens

October 2016 – March 2017

- Conduct online research regarding public parks over the Edwards Aquifer Recharge Zone which present consistent flooding risks
- Develop a layout of the garden that enables the most retention of rainwater runoff
- Removed debris to prepare and maintain construction sites, and created safe working environments while using rakes, shovels, pickaxe, etc.
- Dug trenches, backfilled holes, and transported soil and gravel with wheel barrels to prepare sites for new construction
- Embedded native long rooted plants to allow run off water to enter into the aquifer

ACCOMPLISHMENTS

- NETL HYPER Facility Outreach Desk Model - *Publication Pending*
- Acceptance into Mickey Leland Energy Fellowship Program
- Recipient of 2017 Association of Energy Engineers' Scholarship