

ANDREA SOTELDO

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EDUCATION

University of Texas Permian Basin

Expected Graduation 2023

Major B.S. Computer Science (3.7 GPA)

Minor Statistics and Analytics

Relevant Courses: COSC 1430: Java I, COSC 2430: Java II, COSC 2420 C Programming, COSC 3420: Data Structures, COSC 3310: Digital Computer Organization, COSC 3312: Discrete Mathematics, COSC 3315: Information Systems and Security, MATH 3301: Probability I, MATH 3310: Linear Algebra

SKILLS

Proficient: Python, Java, SQL, R; Novice: JS, HTML/CSS and C/C++ Tools: Microsoft Office, Google Suite, Adobe Creative Cloud, Eclipse, Visual Studio, Github, Git, RStudio, Jupyter

WORK EXPERIENCE

Shepperd Leadership Institute | Midland-Odessa Area

Student Assistant | Oct 2021 - Present

- Develop and implement in Excel an inventory database of artifacts and list of library books.
- Individually invite/connect with past attendees, prospective sponsors and speakers to LinkedIn and Facebook(Meta) in an effort to boost awareness and hopefully garner registrations for conferences next year.
- Design graphics with Adobe Indesign and Photoshop to share with the greater community for marketing outreach.

Undergraduate Research | Midland-Odessa Area

Student Assistant | Sep 2021 – Present

- Design a public database that will store a comprehensive record of pollen species in West Texas, more specifically in Big Bend National Park and Palo Duro Canyon State Park (Grand Canyon of Texas).
- This database will serve as a way for geologists, scholars and/or citizen scientists to access credible information online, and foster public engagement and understanding of the different pollen species with images and information garnered from Microscopy, Photographing and Data Collection.

Omdena | Remote

Junior Machine Learning Engineer | May 2021 - July 2021

- Volunteered with 50 other AI changemakers in partnership with NGO, Search for Common Ground.
- Developed an AI-driven support & reporting tool through Data Collection, Exploratory Data Analysis, and/or Chatbots, Conversational AI with Python to track and measure gender-based violence (GBV) that has been increasing in online and offline spaces in Nigeria.

UT Permian Basin - Admissions Office | Midland-Odessa Area

Student Worker | March 2020 - Oct 2021

- Recorded the transcripts and documents of prospective and current students into database.
- Greeted visitors, and answered in-phone or in-person questions.
- Led tours of the campus, and shared the university and student story to visitors.
- Assisted in the transition to a paperless environment.

Cemex | Knoxville TN

Summer Intern | July 2019 - Aug 2019

- Took initiative in coordinating the application of a new software aimed at enhancing and facilitating the company's function.
- Worked closely with the program engineers to align business and software development strategic goals.
- Amplified user experience by using the software to migrate company files and make these more accessible and recognizable.

LEADERSHIP EXPERIENCE

Student Government Association - Junior Seat Senator, Public Affairs Committee Head

President's Diversity Council - Undergraduate Representative

Association for Computing Machinery - Secretary

Underrepresented Students Advisory Council - Founding Member, Co-leader

Student Fee Advisory Committee - Voting Member

Queer Collective - Co-Founder, Outreach Chair

Ballet Folklorico Dance Company - Dancer

LANGUAGES/INTERESTS

Native speaker of Spanish, fluent in English, and conversational in French

Interests: Food & Culture, Art, Nature, and Travel.