

Victoria Chavez

210-386-1457

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vchavez197@yahoo.com

Professional Objective:

Seeking an entry-level or graduate internship position for environmental engineering, ecological engineering, ecological restoration, or natural resources.

Education:

Colorado State University – Fort Collins, Colorado (Aug 2020-Dec. 2021)
M.N.R.S Concentration in Ecological Restoration 3.66 GPA

Texas A&M University – College Station, Texas (Aug 2015-Dec 2019)
B.S. in Civil Engineering 3.53 GPA
Concentration in Environmental Engineering; Minor in Youth Development.

Technical Experience:

Environment Texas, (Remote) Austin, TX

Texas Policy Project

Oceans Policy Intern (Unpaid) (Oct 2020-current)

- Application of environmental research
- Advocacy for Oceans and outreach to the local community for their participation

Colorado State University, Fort Collins, CO

Department of Fish and Wildlife Biology (FW)

Teaching Assistant for FW 370: Design of Fish and Wildlife Projects (Jan 2021-current)

- Be present and knowledgeable for lectures, labs, and exams.
- Be available during office hours each week, and be prepared to answer questions about lectures and labs that week.
- Grade a variety of assignments in concordance with the other TA and Instructor.

Texas A&M University, College Station, TX

Department of Biological and Agricultural Engineering (BAEN)

Soil Science Laboratory Manager (Jan-May 2018)

- Operated TypoSoil Machine and conducted soil-water extraction technology
- Checked and maintained equipment; communicated with faculty if there were errors or products to be ordered

Student Worker (Water/Energy/Food NEXUS Team) (Jan 2017-May 2018)

- Attended team meetings and helped the team accomplish deadlines
- Assisted professors communicate within the team and to domestic and international partners

LAUNCH Undergraduate Research Scholars Program

(Aug 2017-May 2018)

- Thesis: “THE IMPACT OF CEO₂ ENGINEERED NANOMATERIALS ON THE SOIL-WATER HOLDING PROPERTIES: A PEDOSTRUCTURE CHARACTERIZATION APPROACH”
- Analyzed the effect of various concentrations and amounts of cerium oxide nanoparticles on multiple soil types
- <https://hdl.handle.net/1969.1/188533>

Office of Sustainability

Outreach Specialist Intern (unpaid) (Aug 2016-May 2017)

- Utilized interactive educational outreach activities on campus to spread sustainability message
- Enhanced communication and presenting skills by designing and planning professional presentations
- Served as Inventory Specialist in Spring 2017

Other Experience

H-E-B, Universal City, TX

(June- Aug 2020) & (Dec 20- Jan 13, 2021)

Customer Service Assistant

Judson Independent School District, Universal City, TX

Substitute teacher (March 2016-current)

Long-term substitute (College & Career Readiness and Technical Applications)

(Jan-June 2020)

Hermann Sons Life Camp, Comfort, TX.

Youth Development Professional (2014-2019)

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Colorado State Activities:

Graduate Student Council Member (Fall 2020-current)
SEEDS Student Member (Fall 2020-current)
LuMin (ELCA) Campus Ministry Member (Fall 2020-current)

Texas A&M Activities:

American Society of Civil Engineers (ASCE) Student Member (Spring 2018-current)
Environmental and Water Resources Institute Student Member (Spring 2019-current)
National Association of Environmental Professionals (Fall 2015-Spring 2019)
Treasurer (Fall 2017-Spring 2019)
Texas A&M Treehouse (ELCA) Campus Ministry Member (Fall 2016-Fall 2019)
Worship Group Leader (Fall 2017-Spring 2019)
Texas A&M Racquetball Club (Fall 2016-Fall 2019)
Women in Engineering Member (Fall 2015-Fall 2017)
Environmental Issues Committee {outreach} Member (2015-2016)

Other Achievements:

3rd place USAR Intercollegiate Nationals, doubles (Spring 2019)
TXRA 2018 Female Athlete of the Year (Spring 2019)
Texas Association of Environmental Professionals (TAEP) Scholarship Recipient (Fall 2018)
4th place USA Racquetball (USAR) Intercollegiate Nationals, doubles (Spring 2018)
LAUNCH Undergraduate Research Scholar (2017-2018)
Distinguished Student Award: *Outstanding Academic Achievement* (Spring 2017)
Dean's Honor Award: *Outstanding Academic Achievement* (Fall 2016)

Certifications:

CPR and First Aid (Red Cross) (2015- 2020)
Riflery and Archery Range/Level One Archery Instructor (USA Archery) (2014- current)

Technical Skills:

Rangeland Management: Daubenmire Cover Method, Point-Intercept Method, Nested Frequency Method
AutoCAD- Civil 3D and Revit
Matlab and R (beginner)
Microsoft Word, Excel, and PowerPoint