

# Luz Villa

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## EDUCATION

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**The University of Texas at Austin**, Austin, TX

May 2019

*Bachelor of Science and Arts in Chemistry*

- *Pre-Health Professions Certificate* (18 coursework hours)
- *Forensic Science Certificate* (18 coursework hours)
- *Business Foundations Certificate* (24 coursework hours)
- *Minor in Spanish* (15 coursework hours)

## EXPERIENCE

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**Freshman Research Initiative, Engineering Yeast to Model Human Disease**, Austin, TX Aug. 2015 -May 2016

*Undergraduate Researcher*

- Investigated similarities for the genes ALAS2 and ALAD in both humans and yeast
- Replaced yeast gene with human ortholog using DNA synthesis by a polymerase chain reaction to determine if a mutation in humans has the same effect when engineered into the yeast genome

**Kings Aire, Inc.**, El Paso, TX

Summer 2015, 2016, 2017

*Administrative Assistant*

- Performed various tasks in the office involving accounting, service, and technology departments

## SKILLS

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**Technical /Computer Skills:** Experienced with Microsoft Office Suite, Familiar with SQL and coding in HTML

**Languages:** Advanced Spanish

**Molecular Biology:** PCR, DNA extraction, agarose and polyacrylamide gel electrophoresis, primer design

**Organic Chemistry:** Distillation, Recrystallization, Extraction, Filtration

## ACTIVITIES & LEADERSHIP

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**Humanity First-UT Chapter**, Austin, TX

Aug. 2017- Present

*Member*

- Assisted with fundraisers
- Complete 10+ hours of volunteer work in each semester

**Humane Society of El Paso**, El Paso, TX

Summer 2015 - Summer 2016

*Animal Handler and Adoption Counselor*

- Trained specifically to handle animals of all difficulty levels
- Helped to facilitate adoption events