

# Jennifer Lavoie

1621-C Enfield Street  
Austin, TX 78703  
(512) 775-6140  
jenniferdlavoie@utexas.edu

## EXPERIENCE

### Ochman Lab, Austin, TX – Research Assistant

November 2018 - June 2020

- Performed PCR, library prep, DNA extraction, and sequencing, including NGS.
- Analyzed and cleaned large sequencing data sets using Python, R, and various command-line applications.
- Provided support as needed to the lab, including restocking and autoclaving.

### Project SEED, Austin, TX — Research Assistant

May 2018 - September 2018

- Reviewed and assessed applications for new research assistants.
- Accepted or rejected new applicants based on project criteria.
- Performed other administrative and training duties as needed.

### State Farm, Austin, TX — Claim Automation and Procedures Technician

Aug 2007 - May 2011

- Led the effort to upgrade the company's form letters to a web-based system, in coordination with entire Texas and corporate leadership teams.
- Recommended, designed, developed, and implemented a web-based, reference tool, written in HTML, JS, and CSS.
- Developed internal claims websites, including customized web templates.

### State Farm, Austin, TX — Auto Claim Processor

Sept 2001 - Aug 2007

- Investigated and processed insurance claims.
- Achieved status as top technical resource.

### State Farm, Austin, TX — Word Processing Operator

May 2000 - Sept 2001

- Led project to develop a department website, from creation to completion.
- Transcribed and took dictation, at highest WPM and quality, within the team.

## EDUCATION

### Flatiron School, Austin, TX

Fall 2019 - Present

- Self-Paced, Online Data Science Program

### University of Texas at Austin, Austin, TX

SPRING 2018 - May 2020

- BS in Biology, Microbiology and Infectious Disease
- GPA 3.7998

### Austin Community College, Austin, TX

2000, 2005 - 2009, 2013

- AS, Biology
- GPA 3.7

## ACTIVITIES

### STEM Scouts — Leader

FALL 2017 - Spring 2018 [4 hrs per week]

- Organized weekly STEM lessons.
- Provided direction and instruction to 5th and 6th grade STEM Scouts.

## SKILLS

Website Development

Python & R Programming

Relational Database Fluency

SQL

Bash, Zsh

R-Studio, Word Processing,  
Spreadsheet, and Presentation  
Software

Statistical Analysis and Data  
Visualization

Lab Bench Skills (4-phase  
streaking, microscopy,  
pipetting, gel electrophoresis,  
magbead cleanup, Qubit, etc.)

## HONORS

College Scholar, Spring 2019

University Honors, 2018 – 2020