

# Liam Plybon

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[blablabliam.github.io](https://github.com/blablabliam)

Objective: Seeking a position as a Physical Science Technician.

## Education:

Texas A&M University, College Station, Texas

- Bachelors of Science in Physics, Minor in Astrophysics

## Experience:

- Research, Student Assistant, September 2016-Present  
My responsibilities include data entry, PostgreSQL database structuring for the Local Volume Database in Python and operating .5 m and 1 m telescopes at the observatory/reducing observatory data with IRAF and Python.
- ERCOT, Taylor, Texas, Intern, May to August 2015  
At ERCOT, I collaborated with a team of electrical engineers to renovate 300 aged onelines of the transmission grid, and update dozens of substation onelines after modification.
- Demidec, Los Angeles, California, Temp Writer, May to August 2014  
As a contract writer, I wrote thousands of flashcards about high school level science while corresponding with an editor to develop my communication skills.

## Activities:

- Wyzant, Freelance, Independent Tutor, September 2016-Present  
As an independent tutor, I tutor calculus, physics, and 12 more subjects for over fifty people. I have increased my earnings by almost 50% per week tutored through targeted advertising.
- TAMU Star Party, Officer, September 2015-Present  
I am responsible for organizing groups of up to twenty people while operating and repairing a fleet of telescopes. Attendance varies from 20 people to more than 2,000 at the largest events.
- SEDS, Outreach and Education Officer, Quality Control Manager, September 2018-Present  
I coordinate volunteer efforts and manage the quality control for the CubeSat team, direct the science mission of the satellite, and advise engineers on technical limitations with optical equipment.

## Projects:

- 3D printed clear phone case
- 3D printed spectrometer for liquids
- Plasma speaker
- Rocket test stand demo
- 91' Chevy restoration
- CubeSat payload manager

**Skills:** Linux, Mac, PostgreSQL, Python, Linear Algebra, Calculus, Data Reduction, LabVIEW, IRAF, Speechwriting, Electrical Troubleshooting, Soldering, Mechanical Troubleshooting, IRAF, Java