

# Alisha Nayak

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## EDUCATION

### **The University of Texas at Austin, Austin, TX — B.S.A. Biology, Minor in French, Certificate in Health Professions**

August 2016 - PRESENT

Program Relevancy- Biology, Chemistry, Genetics, Organic Chemistry, Cell Biology, Statistics, and lab techniques in Chemistry, Organic Chemistry, and Biology.

## EXPERIENCE

### **Freshman Research Institute: Bioactive Molecules, Austin, Tx — Peer Mentor**

December 2017 - Present

- Taught incoming freshman students proper technique as well as how to work lab equipment, including the Rotary Evaporator, Nuclear Magnetic Resonance Spectroscopy, and Infrared Spectroscopy machines.
- Taught students how to troubleshoot errors in their organic synthesis reactions.
- Led lab tours for interested high schoolers, college students, parents, and potential donors.

### **Freshman Researcher**

January 2017 - December 2017

- Did research for the Martin Group synthesizing desired ligands with appropriate yield and purity through various organic synthesis reactions.
- Learned lab techniques such as liquid-liquid extraction, washing, NMR, IR, and rotary evaporation.

### **UT Austin Dean of Students, Austin, Tx — Student Assistant**

January 2017 - December 2018

- Organized information and files from Student Conduct cases and proofread current documentation.
- Answered both the Student Conduct and Student Emergency Services lines. Determined how to best help a student, including giving proper information and direction, or directing them discreetly to a coordinator knowledgeable of their situation who could further assist.

## ACTIVITIES AND VOLUNTEERING

### **Longhorn Best Buddies (August 2016-Present)**

Attended bi-weekly events that involved members in the Austin community with intellectual and developmental disabilities (IDDs). Created a one-on-one friendship with an individual with an IDD.

### **Women In Natural Sciences Ambassador (August 2018-Present)**

Created one-on-one mentoring relationship with incoming freshman in the program. Organized meetings to discuss the student's progress and answer any questions.

### **Freshman Interest Group Peer Mentor (August 2017-May 2018)**

Mentored group of 27 freshmen in navigating first year of college. Conducted one-on-one meetings to evaluate their progression through the semester. Organized weekly presentations focused on various topics, including inviting faculty to guest present. Created ice-breakers and social events. Assisted students in planning for future classes and registration.

**Special Olympics - Miss Sweetheart Pageant Volunteer (September 2018)** Attended beauty pageant for girls with IDDs. Assisted backstage with organizing and getting ready. Took photos and video of the pageant for future use.

