

# Aditi Vaidya

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## Education

University of California, San Diego || Bioengineering: Bioengineering  
September 2016 - June 2020 (expected)

## Leadership Experience

### Biomedical Engineering Society (2017-present)

- Co-chair for Translational Medicine Day 2019 Committee
  - Leading committee tasked with planning, advertising for, and running exposition-style event with 2-5 speakers, 1-3 panels, and 5-10 industry demonstrations with approximately 300 attendees
- Co-lead for Industry Demonstration Subcommittee within TMD 2018
  - Leading subcommittee which organized five industry demonstrations, including those by Applied Medical and Cognionics, relevant to the field of Translational Medicine

### BioEngineering Quarterly Magazine (2017-present)

- Conduct interviews and write articles on Bioengineering-related events at UCSD as a feature writer for this quarterly magazine
- Aid in making publication decisions as a member of the staff

## Work Experience

### Musculoskeletal Lab Intern (March 2018-present)

- Process knee micro-CT images using ImageJ to aid in finding link between bone degradation and disease onset
- Analyze ultrashort echo time imaging data of connective tissue using MATLAB to maintain patient records
- Collaborate with other interns to complete analysis projects related to outpatient data and research

### LEAP Learning Center-Tutor (December-January 2016, 2017, 2018)

- Tutor elementary to high school children with developmental disabilities one-on-one and in groups for English and math
- Create workbook pages according to Common Core standards for the students to use

### Nrithyollasa Dance Academy Volunteer Assistant (January 2016-present)

- Lead/assist with lessons for groups of up to 15 students by teaching pieces to spread cultural awareness

## Relevant Courses/Skills

- Physics and labs: Electricity and Magnetism, Newtonian Mechanics and Thermodynamics
- Math: Calculus for Science and Engineering, Multivariable Calculus, Differential Equations
- Chemistry: General Chemistry for Science and Engineering
- Proficient in MATLAB and Microsoft Office Programs

- Experience with group collaboration, team management, and public speaking