

William Laderer

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EDUCATION

University of California, Los Angeles 2021–PRESENT

GPA 3.4

- Alexandrova Lab Graduate Research Assistant - Computational Chemistry
- Teaching Assistant for the Chemistry and Biochemistry Department

Stony Brook University 2017–PRESENT

GPA 3.5

- Geology and Chemistry as a Second Major
- Undergraduate Researcher for Lars Ehm Group

EXPERIENCE

Research Assistant for Lars Ehm 2019–PRESENT

- Focus on non-equilibrium minerals and nanomaterials such as ferrihydrite
- Powder x-ray diffraction, nanoparticle synthesis, PDF

Undergraduate Teaching Assistant 2018–PRESENT

Lead student workshops and hosted weekly office hours

- Organic Chemistry I & II
- Physical Chemistry I & II

ACADEMIC

President of English Pal 2020–PRESENT

Organization for hundreds of non-native English speaking students to meet and practice English with student volunteers.

Archivist for Stony Brook Geology Department 2019–2020

- Catalogued and created a searchable database for all 554 teaching hand samples

Vice President of Undergraduate American Chemical Society 2019–2020

- Community education outreach
- Planned and organized general body meetings

WORK

Director of Stony Brook Audio Visual 2018–PRESENT

Director for two years, managing a staff of up to 20 employees and a yearly budget of \$15,000.

- Managed payroll, invoices, and shifts
- Event planning and production
- Equipment maintenance and repair