

Alexia McKenzie

Undergraduate astrophysics student seeking an administrative position to benefit Astronomy related associations of the University of California.

RECENT WORK EXPERIENCE

STEM Tutor, Freelance

July 2019 - April 2020

Maintained communications, coordinated schedules, and designed study strategies for individual sessions with tutees

Physics Lab Assistant, City College of San Francisco

January 2018 - May 2019

Organized and arranged schedules for workers, setup labs for lower-division experiments, diagnosed and repaired physics equipment

English Tutor, City College of San Francisco

January 2018 - July 2018

Advised individuals on editing and clarifying on writing assignments, and created various English language concept learning aids

Lead Astronomy Tutor, City College of San Francisco

January 2016 - May 2018

Led tutor meetings, coordinated tutor schedules, communicated errors between students and teachers, and mentored tutees in astronomy topics

Astronomy Teaching Assistant, City College of San Francisco

August 2016 - May 2018

Prepared, organized, and graded homework assignments and exams, scheduled meetings and correspondences for professor of astronomy

Planetarium Host, California Academy of Sciences

August 2015 - April 2017

Produced data visualizations in Uniview and Universe Sandbox and based on astrophysical and ecological data from around the world

EDUCATION

City College of San Francisco, Associates of Science for Transfer in Physics

August 2015 - May 2019

Physics, astronomy, and mathematics focused, explored diverse topics like archaeology and art history, volunteered for many school groups

University of California Santa Cruz, Undergraduate astrophysics major

July 2019 - Present

Upper-division physics and astronomy courses, thesis researching exoplanets using data manipulation and observational confirmation

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TOOLS

- **Office Suite** (documents) - Advanced
- **Spreadsheets** (Excel/Google) - Advanced
- **HTML/CSS** (programming) - Advanced
- **Python** (programming) - Intermediate
- **Adobe Suite** (photoshop) - Intermediate

AWARDS

- **STARs Miller Award** - Volunteer mentor for new transfer students (2020)
- **The Darwin Award** for academic success (2018)
- **TED X Berlin** - Invited to speak but exams conflicted (2016)
- **WIRED Magazine** - Featured my profile on productivity technology and ideals (2015)

RECENT ACTIVITIES

- **Other World Labs (OWL)** - researching exoplanet discovery methods (2020)
- **Conference for Undergraduate Women in Physics '21** - (UCSC) organizing virtual physics conference for women (2020)
- **Society of Physics Students** - club officer, events coordination (2019)
- **American Physical Society** - CUWiP@ UC Davis (2019)
- **CCSF Astro Club** - public astronomy events (2018)
- **City College Physics Club** - physics study group (2016)