

# Katelyn Horstman

Los Angeles, CA | katelynhorstman@gmail.com

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## Education:

### University of California, Los Angeles (UCLA)

Bachelor of Science in Astrophysics

Expected: June 2021

GPA: 3.44/4.00

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## Experience:

### University of California, Irvine (UCI)

Research Assistant for Virginia Trimble

- ❖ Utilized Gephi software to create a citation analysis network on papers concerning Newton's gravitational constant
- ❖ In process of publishing findings as main author

Irvine, CA

Feb 2018 - Present

### Towne Park

Valet

- ❖ Parked and pulled cars in a timely manner for guests visiting Saint Joseph Hospital
- ❖ Handled guests' money and recorded daily revenue

Orange, CA

June 2018 - Sep 2018

### Rotary Club Community Observatory

Docent and Telescope Operator

- ❖ Taught public community members about astronomy and astrophysics
- ❖ Operated 17" and 14" telescopes
- ❖ Conducted summer constellation tours

Cameron Park, CA

Jan 2017 - Sep 2017

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## Skills:

Basic Programming

Quantitative Analysis

Gephi Software

Citation Analysis

Microsoft Office Suite

Basic Japanese

Research-Based Writing

Telescope Operation

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## Coursework:

Single Variable Calculus

Multi Variable Calculus

Introduction to Computing

Principle Materials Science

Linear Algebra

Gerontology

Classical Physics

Differential Equations

Astro 3: Nature of Universe

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## Planned:

Astro 81: Stars and Nebulae

Math Methods of Physics

Intro Quantum Mechanics

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## Extracurriculars:

Women in Physical Sciences

American Physical Society

Lions Club Cultural Exchange (Japan)

High School National Honor Society Historian

Sep 2017 - Present

Sep 2017 - Present

July 2016 - Aug 2016

Aug 2015 - May 2017

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## Conferences:

APS California Undergraduate Women in Physics

Jan 2018

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