

## Leslie Guadalupe Castro

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### EDUCATION:

#### **Columbia University in the City of New York, Columbia College**

Bachelor's Degree: Chemistry

Expected 2022

Dean's List Spring 2019

#### **Palos Verdes Peninsula High School, Rolling Hills, CA**

### RESEARCH EXPERIENCE:

#### **University of Delaware Davis Lab**

*Undergraduate Researcher*

Jun. 2019 - Present

- Track and analyze the effect of different climate variability and price scenarios on the area, yield, and production of crops with R and Excel

#### **Columbia University, Ecology, Evolution and Environmental Bio Department**

*Lab Assistant*

Oct. 2018 - Sept. 2019

- Generated QGIS maps of the coarse grain crop area and production change in India
- Created Microsoft Office Powerpoints and Excel graphs to visually represent changes in coarse grain production over 1966-2011

### TEACHING/MENTORING/LEADERSHIP EXPERIENCE:

#### **Palos Verdes Peninsula Land Conservancy**

*Naturalist, Restoration, and Nursery Intern*

Jun. 2019 - Aug. 2019

- Taught students and visitors about the local ecology and history of the land conservancy and general peninsula and looked after a team of interns in maintaining a plot of native species
- Aided with the removal of invasive species by using ArcGIS Online and Collector to map the Acacia tree in the PVPLC reserves

#### **Matriculate, New York, NY**

*Advising Fellow*

Dec. 2018 - May 2020

- Advised 3 highschool students on their college applications by improving college list, editing personal statements, and answering financial aid questions

#### **Dhoom Bollywood-Fusion Team, Columbia University**

*Treasurer*

Sept. 2018 - May 2020

- Manage team funds for dance competitions, performances, and South Asian/ Bollywood-Fusion events

#### **Give and Go Green/Green New Student Orientation Program**

*Leader*

Jul. 2018 - Aug. 2018

- Collected and organized items students left behind at the end of the year
- Sold salvaged items at the beginning of the year in order to decrease waste produced and fund EcoReps Club sustainability projects during the year

### SKILLS:

- **Computer** - Microsoft Office Excel, QGIS and Rstudio (basics), ArcGIS Online
- **Language** - Spanish (Native)