

Mentor Profile

Maria Vincent

Graduate Student | Institute for Astronomy

```
graph LR; A('16 Fall  
Started  
Undergrad') --> B('17 Winter  
Decided to  
add major'); B --> C('17 Summer  
Internship +  
Lab Assistant');
```

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- Started as a
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- First interned for science agency's publications at their media company
- Then, did summer classes+assisting with meteorite research: sample preparation, BSE imaging

*'17 Summer
Internship +
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```
graph LR; A('18 Winter  
First research  
project') --> B('18 Spring-Summer  
2nd project;  
now supported  
by grant'); B --> C('19 Fall  
Poster session  
with undergrads  
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- First did a poster presentation of '18 Winter project at UCLA Undergrad Poster Day previous term
- That prepared me for SoCal Undergrad Poster Day with '18 Spring-Summer Research

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```
graph LR; A["'19 Winter  
New research  
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Summer  
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- A new project on comet morphology, more astronomy oriented
- Joined review board for UCLA Undergraduate Science Journal

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- Wrote a paper on my X-ray mapping project for USJ, which won best physical science paper- my first exposure to publishing

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- Spent a summer at Caltech, where I had a theoretical Geophysics project combined with general learning on grad school apps, networking and the like

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- Another research grant for an extension to the project from '19 Winter which lay the groundwork for proposing my senior honors thesis
- Officially added Astrophysics as a second major
- Attended AGU- my first major conference

'19 Fall 2nd research grant First major conference

*'20 Winter
Proposed and
started senior
honors thesis*



```
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First online term,  
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- Presented part of thesis at Undergraduate Research Symposium
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- Summer looked bleak, except for Gen Ed classes I took
- Started research for grad schools- making lists of schools and faculty
- Started working on applications in Fall with final class for degree Virtual Conference
- Guest Astrobites Article

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*'21 Fall
Started Grad
School*

*'22
Spring/Summer
Working on first
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Workshops and
Outreach*

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- Started PhD at Institute for Astronomy at University of Hawaii

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- Participation in outreach

- Participate in Workshops to develop necessary skills (these are available to undergrads as well.)

- Currently working on first research project, and got opportunity for telescope observing

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Talks to children and
organising school-level
science-events

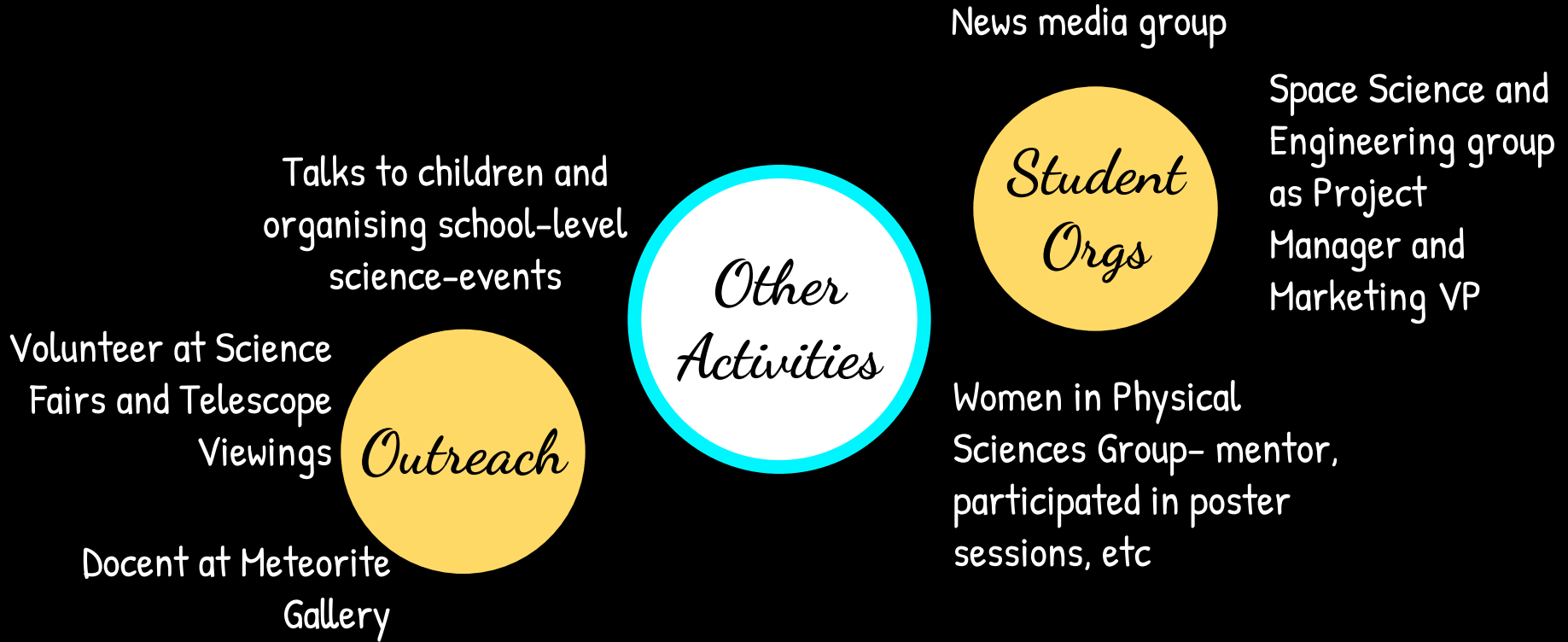
Volunteer at Science
Fairs and Telescope
Viewings

Outreach

Docent at Meteorite
Gallery

*Other
Activities*

*Student
Orgs*



Main Takeaways

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