

# SHELLEY WITTE

## TECHNICAL SKILLS

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Adobe Illustrator and Photoshop, ArcGIS, QGIS, R, Blender, CartoCSS, MapboxStudio, Microsoft Office

## PROGRAMMING

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HTML/CSS, JavaScript: D3, jQuery, and Leaflet, Python

## EDUCATION

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**University of Wisconsin – Madison**  
GIS Certificate  
September 2015 – present

**University of Wisconsin – Madison**  
BS in Secondary Education: Earth/Space Science  
September 2004 – December 2008

## WORK EXPERIENCE

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### **Chancellor's and Powers-Knapp Scholarship Programs**

Student Office Assistant | **October 2016 – present** | Madison, WI

- Support the Administrative Assistant in the daily operations and key activities of the scholarship programs.
- Utilize Access data platform to update, organize, and maintain program records.

### **University of Wisconsin Forest Landscape Ecology Lab**

Student Digitizer | **November 2015 - present** | Madison, WI

- Utilize current GIS tools, such as ArcGIS, to georeference and digitize historical landcover maps of Wisconsin counties.
- Review and edit completed digitized counties.
- Complete weekly reviews and reports of project status and priorities.

### **Madison East High School**

Earth Science Teacher | **August 2012 – June 2015** | Madison, WI

- Taught two sections of astronomy, four sections of geology, and four sections of meteorology.
- Worked to facilitate the learning process for students of varying abilities and motivation levels.

### **University of Wisconsin PEOPLE Program**

Science Teacher | **Summers: June 2013 – July 2015** | Madison, WI

- Collaborated with University of Wisconsin – Madison graduate students in facilitating daily science lessons and labs for high school students.

### **Monona Grove and Madison Metropolitan School districts**

Substitute Teacher | **October 2011 – June 2012** | Madison, WI

- Utilized and further developed classroom management skills in various learning environments.
- Worked to effectively implement lesson plans laid out by the absent teacher as well as facilitate the learning process for students of varying abilities and culturally diverse backgrounds.

### **Smithsonian National Air and Space Museum**

Astronomy Educator | **May 2009 – August 2011** | Washington, DC

- Facilitated hands-on and inquiry-based activities for visitors inside the museum and Public Observatory.
- Updated exhibits with current news in astronomy research from national observatories.

### **University of Wisconsin Foundation**

Telefund Student Caller | **June 2007 – April 2009** | Madison, WI

- Communicated with alumni, parents of undergraduates, and friends of the University about funding needs.
- Raised approximately \$58,000 in private support for academics and scholarships.

### **University of Arizona Astronomy Camp**

Camp Counselor | **Summer 2005, 2007, 2008, 2012, 2013, and 2015** | Tucson, AZ

- Assisted campers in the operation of research telescopes and instruments during day and night observation.
- Advised and led groups of students in astronomical research, activities, and observational projects.
- Engaged students in formal and informal discussions of varying astronomical and general science topics.

### **University of Wisconsin Space Place**

Student Hourly | **February 2007 – November 2007** | Madison, WI

- Assisted staff in weekly science workshop geared toward children between the ages of 6 and 10.
- Assisted staff, operated telescopes, and provided astronomical expertise during bimonthly stargazing events.
- Monitored exhibit area and handled guest inquiries.

### **3M – St. Paul Tape Plant**

Converting Operator/Utility | **May 2006 – August 2006** | St. Paul, MN

- Operated machinery, boxed and prepared items for shipping in the converting end of foam tape production.

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## **VOLUNTEER ACTIVITIES AND INTERNSHIPS**

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Applied Population Lab Intern	October 2016 – present
Goodman Community Center Teen Center Mentor/Tutor	September 2008 – April 2009
Volunteer Varsity Girls Track & Field Assistant Coach	February 2008 – June 2008
MATC Multicultural Pre-Collegiate Program Tutor	February 2007 – May 2007

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## **AWARDS & HONORS**

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UW Madison Dean's List	2005 – 2008
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