

# JULIA A. OLSON

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## EDUCATION

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2016 – 2020      **Bachelor of Science in Spatial Data Science and Technology,  
Geography, and Environmental Studies**  
*University of Oregon* | Summa Cum Laude, Departmental Honors, Phi  
Beta Kappa

## RESEARCH EXPERIENCE

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May 2019 – Aug 2019      **National Science Foundation REU Research Fellow**  
*Rochester Institute of Technology*

## PROFESSIONAL EXPERIENCE

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Sep 2020 – present      **GIS Technician**  
*State of Wisconsin Department of Health Services*

Apr 2019 – Sep 2020      **Student Cartographer and Developer**  
*University of Oregon InfoGraphics Lab*

Dec 2019 – Jun 2020      **Contracted Cartographic Intern**  
*Green Trails Maps*

## HONORS AND AWARDS

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2020      **Bill Loy Award for Excellence in Cartography** | The Great Divide  
Mountain Bike Route

2019      **Bill Loy Award for Excellence in Cartography Honorable Mention** |  
Journey to Winning the 2015 FIFA Women's World Cup

## GRANTS AND SCHOLARSHIPS

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2020      Trussell Family Scholarship (\$1,000)  
2020      Bill Loy Award for Excellence in Cartography (\$1000)  
2019      Geography Department Conference Funding (\$550)  
2019      Bess T. Cristman Award (\$7,000)  
2019      Bowerman Scholarship (\$5,000)

2019	Mildred Clifford General University Scholarship (\$3,000)
2019	Bill Loy Award for Excellence in Cartography (\$500)
2018	Everett D. Monte Scholarship (\$2,550)
2018	Susan Winn Scholarship (\$950)
2016 – 2019	Summit Scholarship (\$9,000)
2017 – 2020	Dean's List   <i>University of Oregon</i>

## SERVICE TO DEPARTMENT AND UNIVERSITY

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2018 – 2020	Geography Club President   <i>University of Oregon</i>
2018 – 2020	Climate Justice League Program Coordinator   <i>University of Oregon</i>
2017	Geography Club Comptroller   <i>University of Oregon</i>

## CONFERENCE PRESENTATIONS

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2020	Phase II Management Plan and Grant Proposal for Thurston Hills Natural Area, Environmental Leadership Program. <i>University of Oregon Undergraduate Research Symposium</i> , Eugene, OR.
2020	Sustainability Through Diversity: Empowering Student Leaders to be a Force of Positive Impact. <i>Washington Oregon Higher Education Sustainability Conference</i> , Eugene, OR.
2019	Establishing Serious Geo-Games: An Emergency Operations Center for Disaster Management. <i>Rochester Institute of Technology Undergraduate Research Symposium</i> , Rochester, NY.
2019	Shoreline Resident Perceptions of Lake Ontario Flooding from 2017 to 2019. <i>Rochester Institute of Technology Undergraduate Research Symposium</i> , Rochester, NY.
2019	Journey to Winning the 2015 FIFA Women's World Cup. <i>NACIS Student Map and Poster Competition</i> , Tacoma, WA.
2019	Stepping Up by Stepping Back: An Approach to Student Autonomy and Leadership. <i>Washington Oregon Higher Education Sustainability Conference</i> , Seattle, WA.

## ACADEMIC AND PROFESSIONAL MEMBERSHIP

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2020 – present	Phi Beta Kappa, Alpha Chapter of Oregon
2019 – present	North American Cartographic Information Society (NACIS)
2017 – 2020	YouthMappers

## SKILLS

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**Data Science and GIS** | ESRI suite, QGIS, Python, pandas, Jupyter Notebook

**Web Development and UI/UX** | HTML, CSS, JavaScript, Mapbox

**Cartography and Graphic Design** | Adobe Illustrator, Adobe InDesign, Adobe Photoshop