

## Education

### **University of Rochester**

Rochester, NY

- 2012 - 2016 BS Environmental Sciences, *Cum Laude*, High Distinction with High Honors in Research
- 2016 - 2017 Take 5 Scholar in Digital Media, Art, and Computer Science
- A competitive 5<sup>th</sup> year full scholarship program to pursue a unique interdisciplinary set of courses.

## Experience

### **Virginia Institute of Marine Science, College of William & Mary**

Gloucester Point, VA

- 6/2017 - 9/2017 *Multimedia Science Communication Intern*, Virginia Sea Grant
- Created short documentaries and multimedia stories about projects addressing environmental issues in the Chesapeake Bay. Filmed interviews and events, edited video and audio, and handled post-processing.

### **Massachusetts Institute of Technology**

Cambridge, MA

- 6/2016 - 8/2016 *MIT Summer Research Program Intern*, MIT Media Lab Collective Learning Group
- Created a data visualization application in virtual reality using Unreal Engine 4 and Vive. Programmed and designed data visualizations and interactions with the data.

### **University of Rochester**

- Fall 2016, 2015 *Teaching Assistant*, Intro to Geographic Information Systems
- 1/2015 - 5/2016 *Research Assistant*, Kessler Ocean Biogeochemistry Lab
- [Senior thesis](#): determined the spatial distribution and magnitude of sea-to-air methane flux in the Gulf of Mexico. Localized areas of highly elevated flux were detected, suggesting that the Gulf may be a greater natural source of methane to the atmosphere than previously thought.
- 1/2015 - 5/2015 *Research Assistant*, Ebinger Active Tectonics and Geophysics Lab
- Aggregated seismic refraction/reflection transects in Appalachia to help determine regional earthquake risk.
- Spring 2015 *Teaching Assistant*, Intro to Environmental Science
- 3/2013 - 1/2015 *Team Green Marketing Intern*, University of Rochester Dining & Auxiliary Services
- Designed promotional material and infographics; helped conduct Dining's sustainability campaigns.
- Woods Hole Oceanographic Institution**
- Woods Hole, MA
- 5/2015 - 8/2015 *NSF Research Experiences for Undergraduates Fellow*, Wankel Stable Isotope Biogeochemistry Lab
- Investigated the impact of Fe(II) on the isotope dynamics of nitrite and nitrous oxide during denitrification.

## Community Leadership & Service

### **University of Rochester**

- 9/2013 - 5/2017 *Secretary*, Art & Art History Undergraduate Council
- Organized art exhibitions, hosted public participatory art events, and coordinated museum trips.
- 4/2013 - 12/2014 *President*, social activist group Students for a Democratic Society
- Coordinated a faculty-staff-student community field day, teach-ins/panels, and documentary screenings.
- 4/2013 - 9/2014 *Publicity Chair; Fundraising Chair*, environmental student group Grassroots
- Helped organize, run, and advertise events; coordinated a campus-wide dorm supplies recycling fundraiser.

## Honors & Awards

- 2017 *First Prize winner of Undergraduate Writing Colloquium Contest (Natural & Applied Sciences category)*.
- Awarded for senior thesis by the University of Rochester's Writing, Speaking, and Argument Program.
- 2016 *Annalise Kjolhede Memorial Prize for Academic Excellence in Environmental Sciences*. Awarded by University of Rochester Dept. of Earth & Environmental Sciences.

## Technical Skills

Adobe CC (Photoshop, Illustrator, Premiere, Audition, After Effects, InDesign), video production (camera, audio, lighting, post-processing), 3D modeling and animation, ArcGIS, Excel, Java, C, Matlab, HTML/CSS/Javascript.