



SKILLS

- Teaching
- Public speaking
- Collaboration
- Proactive communication
- Data analysis
- Media (writing, videos, newsletters)

WORK

FREELANCE WRITER

2019 - PRESENT

- SciShow, Up and Atom, Discover, American Physical Society
- Wrote scripts for educational videos, journalism for print and digital, and press releases

NEWSLETTER ASSISTANT

MAR - SEPT 2020

- Doubled *7 for Seven's* subscriber count
- Wrote social media copy, proofread drafts, planned and implemented growth strategies for 39 issues of the newsletter

TEACHING ASSISTANT

2012 - 2018

- Managed classrooms and coursework
- Created and presented short lectures to introduce materials
- Assisted with curriculum development

PRIVATE TUTOR

2016 - 2018

- Provided one-on-one guidance in math and physics problem solving to college undergraduates

RESEARCH ASSISTANT

2015 - 2019

- Collected and analyzed data from detector array
- Collaborated with research team to synthesize and publish results

ADDITIONAL EXPERIENCE

VOLUNTEER

- *Brookhaven National Lab*: Guided visitors of all ages through science demonstrations and tabletop experiments
- *Vanderbilt Student Volunteers for Science*: Taught programming to middle school students using LEGO Mindstorm robots

PUBLIC SPEAKING

2012-2019

- Crafted engaging multimedia presentations on science research 2 - 3 times per year, for a range of audiences from the general public to experts

EDUCATION

DOCTOR OF PHILOSOPHY

VANDERBILT UNIVERSITY

2015 - 2019

- High-energy nuclear physics research focus
 - Most Outstanding Student Publication award in 2019
 - The Akunuri V. Ramayya Award (for teaching) in 2018

BACHELORS OF SCIENCE

HOUGHTON COLLEGE

2011 - 2015

- Writing & physics double major, math minor (extended honors curriculum)
 - President's scholarship, graduated Magna Cum Laude
 - Exceptional Junior Writing Major award in 2014
 - Faculty Excellence Award for Literary Non-Fiction in 2013