

# HANNAH LUEBBERING

Data Science graduate student at University of Washington. Motivated to learn, grow, and excel in technology.



## EDUCATION

2021-  
2023

### University of Washington

Master of Science in Data Science

2017-  
2021

### Wake Forest University

BS in Applied Mathematics, Minor in Computer Science

- Association for Women in Mathematics and Computer Science

2019

### University of Sydney

Study Abroad, Python and Real Analysis

- SUMS, Mathematics Society

2013-  
2017

### Blue Valley North High School

High School Diploma

- Varsity Cross Country and Track, Team Captain, Science National Honor Society



## EXPERIENCE

2021

### Visualization Developer and Data Analytics Intern

Empower Retirement | Greenwood Village, Colorado

- Worked with ITS to translate Operational metrics into knowledge.
- Explored cloud platform data and created corresponding Tableau dashboards to expose cost, usage, and visibility into cloud resource expense.
- Created interactive data driven infographics that provided relatable knowledge of capacity, cost, labor and overall project management.

2020-  
2021

### Data Science Pedagogy Research

Wake Forest University | Winston-Salem, NC

- Assisted D'Agostino McGowan's Data Science Lab.
- Studied and published tutorials on R packages for data analytics.
- Developed tools and shiny applications in teaching data science and analyzing human data interaction.

2019-  
2020

### New South Wales Health Internship

Westmead Institute for Medical Research | Sydney, Australia

- Completed projects with various industries involving preventative health, chronic illness, immersive technology, precision medicine, open data, and more.
- Conducted thorough research using diverse resources to assist professional staff with project tasks.



## CONTACT

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in [linkedin.com/in/hannahluebbering](https://www.linkedin.com/in/hannahluebbering)

🔗 [github.com/hluebbering](https://github.com/hluebbering)

🌐 [hannah-luebbering.com](https://hannah-luebbering.com)

## SKILLS

ℳ<sup>2</sup> Mathematical Modeling

📊 Statistical Analysis

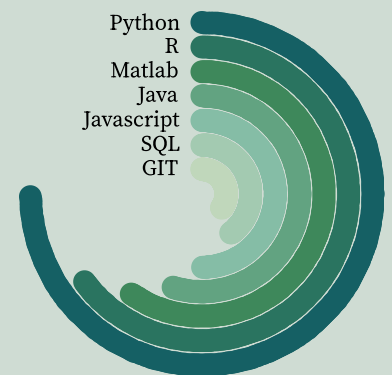
🔧 Research and Technology

🔬 Spectroscopy and Nanotechnology

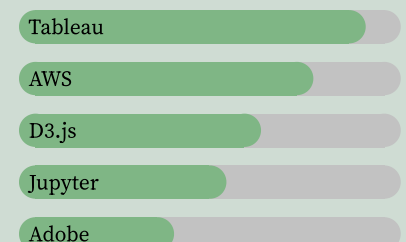
📊 Data Analytics and Visualizations

🎨 Web Design

## PROGRAMMING



## TOOLS



2018-  
2020

### Nanotechnology and Chemistry Research

Wake Forest University | Winston-Salem, NC

- Worked with Dr. Ghadiri's Laboratory for Nano-Photo-Chemistry.
- Conducted experiments and analyzed samples using UV-VIS spectroscopy, confocal microscopy, and Agilent software.
- Tracked experimental results and analyzed data using MatLab and Excel.

2018-  
2019

### Concussion Research Assistant

Wake Forest Innovation Quarter | Winston-Salem, NC

- Monitored soccer players, outfitted players with mouthpiece software, collected data, and analyzed data for study of head impact in sports and injury biomechanics.

2018

### Clinical Internship/Shadowing Program

Wake Forest Baptist Health | Winston-Salem, NC

- Accepted a clinical internship program offered by Wake Forest School of Medicine.
- Gained high quality clinical experience and increased understanding of the practice of medicine.

2017

### Orthopaedic Surgery Shadow

KC Orthopaedic Institute | Leawood, KS

- Shadowed several orthopaedic doctors during surgeries and patient office visits.



## VOLUNTEER POSITIONS

2017-  
2018

### Intensive Care Unit Volunteer

Wake Forest Baptist Health | Winston-Salem, NC

- Worked at the front desk, assisted nurses and doctors, helped patients, and organized files and equipment.

2015- 2016

### PathFinder

Children's Mercy Hospital | Kansas City, MO

- Helped patients and families navigate the hospital, assisted doctors in the sports medicine clinic.

2015

### UCLA Student Volunteer

University of California, Los Angeles | Los Angeles, CA

- Volunteered around Los Angeles and earned 45 community service hours.
- Provided meals and other assistance to families, schools, and underprivileged residents of Los Angeles.



## ACCOMPLISHMENTS

### Association for Women in Mathematics Executive Committee

Wake Forest University | Winston-Salem, NC

- Led and participated in various programs and workshops to mentor students in math.