

# 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's in Data Science

2017-  
2021

### Wake Forest University

BS in Applied Mathematics, Minor in Computer Science

- Extracurricular: Association for Women in Mathematics and Computer Science
- GPA: 3.471

2019

### University of Sydney

Study Abroad, Python and Real Analysis

- Extracurricular: SUMS, Mathematics Society

2013-  
2017

### Blue Valley North High School

High School Diploma

- Extracurricular: Varsity Cross Country and Track, Team Captain, Science National Honor Society
- GPA: 4.0



## EXPERIENCE

2021

### Visualization Developer and Data Analytics Intern

Empower Retirement | Greenwood Village, Colorado

2020-  
2021

### Data Science Pedagogy Research

Wake Forest University | Winston-Salem, NC

- Worked with D'Agostino McGowan Data Science Lab in the Department of Mathematics and Statistics.
- Studied and published tutorials on R packages for data analytics.
- Worked on developing 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

- Worked in 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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## SKILLS

📊 Mathematical Modeling

📈 Statistical Analysis

🔧 Research and Technology

🔬 Spectroscopy and Nanotechnology

📊 Data Analytics and Visualizations

🖱️ Web Design

## PROGRAMMING



## CERTIFICATES

AWS Going Cloud Native

Amazon Web Services | 2021

IT Automation with Python

Google Professional Certificate | 2020

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, helped patients, and organized files and equipment.

2015- 2016

### PathFinder

Children's Mercy Hospital | Kansas City, MO

- Helped patients and families navigate the hospital, and assisted nurses 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 and science.