

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

- 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/hannah-luebbering

SKILLS

📊 Mathematical Modeling

📈 Statistical Analysis

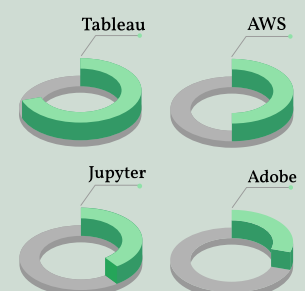
🔧 Research and Technology

🔬 Spectroscopy and Nanotechnology

📊 Data Analytics and Visualizations

🖱️ Web Design

PROGRAMMING



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.