HANNAH LUEBBERING

Applied Mathematics and Computer Science student at Wake Forest University seeking a full or part-time position in advance of attending graduate school. Motivated to learn, grow, and excel in technology. Proven success working within fast-paced, collaborative settings.

⌂ 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, Women in Computer Science, & Kappa Kappa Gamma Sorority
- 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, Cross Country Team Captain, Science National Honor Society, & 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/ Research Project
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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- 🔗 hannah-luebbering.com
- in linkedin.com/in/hannah-luebbering

SKILLS

- ✎ Technical Writing
- Research and Technology
- Analytical Chemistry
- Spectroscopy and Nanotechnology
- Data Science
- Statistical Analysis
- X^2 Mathematical Modeling
- Web Design using HTML
- GitHub
- R
- Java
- Python
- Matlab

CERTIFICATES

IT Automation with Python
Google Professional Certificate | 2020

Intro to Machine Learning
Kaggle Learn Course | 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.