# Hannah Luebbering

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## Professional Summary

Applied Mathematics and Computer Science student at Wake Forest University seeks a career in software computing, data science, and related technologies. Motivated to learn, grow and excel in technology.

## Education

**Bachelor of Science**: Applied Mathematics, Minor in Computer Science
**Wake Forest University** - Winston-salem, NC

**Blue Valley North High School** - Overland Park, KS
Varsity Cross Country, Cross Country Team Captain, Varsity Track, National Honor Society, Science National Honor Society

## Experience

**Association for Women in Math Executive Committee**, 02/2020 to Current
**Wake Forest University** – Winston-Salem, NC
- Elected to Executive Committee of Wake Forest Association for Women in Mathematics
- Led and participated in various programs and workshops to mentor students in math and science

**Data Science Pedagogy Research**, 02/2020 to Current
**Wake Forest University** – Winston Salem, NC
- Studied learnr R package and built various tutorials published on GitHub
- Tutorials explained various R packages such as tidy data, types of data frames, manipulating data frames in R using tidyverse, and more

**New South Wales Health Internship/Research Project Assistant**, 08/2019 to 12/2019
**Westmead Institute For Medical Research** – Sydney, New South Wales
- 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

**Nanotechnology and Chemistry Research**, 12/2018 to 05/2019
**Wake Forest University** – Winston-Salem, NC
- Conducted experiments and analyzed samples using UV-VIS spectroscopy, confocal microscopy, and Agilent software
- Tracked experimental results and analyzed data using MatLab and Excel

**Concussion Research Assistant**, 08/2018 to 12/2018

**Wake Forest Innovations** – 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

**Clinical Internship/Shadowing Program**, 01/2018 to 08/2018

**Wake Forest Baptist Health** – Winston-Salem, NC

- Shadowed Dr. Talbott, an anesthesiologist at Wake Forest Baptist Health
- Gained high quality clinical experience and increased understanding of the practice of medicine

## SKILLS

- Python
- HTML
- R
- MATLAB
- GitHub
- Microsoft Powerpoint
- Microsoft Excel
- Microsoft Office
- Data Processing
- Software Development
- Research and Technology

## ACCOMPLISHMENTS AND SERVICE

**Kappa Kappa Gamma Sorority**

- Recruitment counselor and advisor for recruits and freshmen

**Sydney: Math and Computer Science Abroad**

- Attended University of Sydney for five months to study advanced mathematics and computer science courses

**London: Organic Chemistry II Abroad**

- Traveled to London with Wake Forest professor and students to study Organic Chemistry II

**Children's Mercy Hospital Volunteer**

- Volunteered at the Children's Mercy Hospital as a Pathfinder
- Helped patients and families navigate the hospital and assisted nurses in the sports medicine clinic

**UCLA Student Volunteer**

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

## AFFILIATIONS

- Association for Women in Mathematics
- Kappa Kappa Gamma Sorority
- Women in Computer Science
- Kansas City Running Club