

JULIA THOMPSON

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EDUCATION

Master of Science in Biostatistics May 2021
Expected
Columbia University Mailman School of Public Health
Bachelor of Science in Public Health in Biostatistics May 2018
University of North Carolina at Chapel Hill Gillings School of Global Public Health
Major GPA: 4.0 | Overall GPA: 3.467 | Dean's List: 3 semesters

EXPERIENCE

Analyst June 2018
to June 2019
Corvid Technologies

- Created a cashflow analysis tool for predictions and insight into the company's accounts, reducing the finance team's time investment by 15%
- Developed ways to streamline internal accounting and finance processes

Research Presentation October 2016
International Conference of Undergraduate Research,
International Conference on Advances in Interdisciplinary Statistics and Combinatorics

- Explained copy number variation algorithm creation process, relevance, and validation as well as presented findings from a series of breast cancer trials

Research Education for Undergraduates in Mathematical Biology May 2016
to August 2016
University of North Carolina at Greensboro

- Developed an algorithm for detecting significant copy number variations across patient using R
- Tested the algorithm through simulations and real data comparisons to other methods

LEADERSHIP AND ACTIVITIES

President and Founder December 2014
to May 2018
Carolina Cystic Fibrosis Friends

- Managed a club that partnered with UNC Hospitals and volunteered with adult Cystic Fibrosis patients, visiting 8-10 patients and families per month
- Helped raise over \$30,000 for Cystic Fibrosis research

VP of Marketing October 2015
to May 2018
Student United Way

- Designed and enacted advertising campaigns to promote the club and service opportunities for all students

Study Abroad May 2017
to August 2017
Dublin Ireland

- Studied genetics and Irish mythology

TECHNICAL SKILLS

Working Knowledge: R, SAS, Excel, Visual Basic, Microsoft Office
Introductory Knowledge: MatLab, C, Python, LaTeX

RELEVANT COURSEWORK

Biostatistical Methods | Data Science | Principles of Experimental Analysis | Epidemiology | Elementary Probability and Statistical Inference | Linear Algebra | Sample Survey Methodology