

HANTONG HU

BIostatistician

Detail-focused recent graduate student with 4+ years of training and education in biostatistics and statistical programming. Strong ability to work as an individual and a teammate in solving problems and communicating with stakeholders.

Experience

Biostatistician

Public Health - Seattle King County | Seattle, WA | 2021 – 2022

Developed a statistical analysis plan using survival analysis and propensity score weighting to address multilevel confounding about public housing issues.

Implemented the study with SQL and R programs and produced tables, listings, and figures; submitted the documented programs to authority for future use.

Presented results to Seattle and King County Public Housing Authorities and provided insights into decision-making in a real-world setting.

Research Assistant

UNC at Chapel Hill | Chapel Hill, NC | 2019 – 2020

Worked under the supervision of epidemiologists and biostatisticians to develop R programs and functions to increase efficiency for performing standardized data manipulation and Principal Component Analysis.

Provided statistical programming support, such as quality control of data and programs, across multiple projects and prepared tables and figures for work progress presentation.

Managed and integrated large data sets from multiple data sources using Excel, SQL, and R.

Selected Projects

Clinical Trial Study Design Project

University of Washington | Seattle, WA | 2021 – 2021

Collaborated with clinicians and biostatisticians to develop a mock phase 2 clinical trial including a statistical analysis plan and table shells to examine drug efficacy.

Participated in sample size estimation, randomization, and development of CRFs.

New York State Crime Rate Analysis Project

UNC at Chapel Hill | Chapel Hill, NC | 2019 – 2019

Independently developed statistical analysis plan using regression analysis and built statistical models in SAS to implement the study. Developed efficient SAS macros and programs for data analysis and reporting using techniques such as SAS ODS and SGPLOT.

Education

March 2022

MS in Biostatistics

University of Washington

May 2020

BS in Biostatistics & Mathematics

University of North Carolina at Chapel Hill

Skills

Relevant Coursework

- Applied Biostatistics
- Statistical Inference
- Statistical Modeling
- Sample Survey Methodology
- Survival Analysis

Programming Tools

SAS (Base, Macro, SQL, ODS), R, Python, Excel

Data science pipeline

Data integration, cleaning, wrangling, visualization, modeling, interpretation

Contact



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github.com/hantongh/