Zelos Zhu

415-823-9682 | zhu.zelos@gmail.com | zeloszhu.com

EDUCATION

Columbia University   New York, NY
Biostatistics, M.S.   May 2020

University of California Los Angeles   Los Angeles, CA
Statistics, B.S.   June 2017

PROFESSIONAL EXPERIENCE

Boehringer Ingelheim   Ridgefield, CT
Clinical Data Scientist   *May 2021 – Present*
Associate Statistical Programmer   *Jan 2021 – Apr 2021*
Statistical Programming Co-Op   *Jun 2020 – Dec 2020*

- Lead phase 1A oncology study and trial deliverables. Transform data to create tables, listings, figures (TFLs) and clinical trial reports for FDA electronic submission.
- Develop SAS (BASE/SQL/MACRO) programs to create analysis datasets from large databases. Experience with CDISC standards, especially SDTM and ADaM.
- Build Diversity Dashboard R Shiny App used by clinical operations team that automated querying of demographics data for ongoing trials to accelerate the recruitment of diverse patient populations
- Support study statistician in calculating sample sizes for future dose-escalation trials.

Research Foundation for Mental Health   New York, NY
Research Assistant   *Aug 2019 - May 2020*

- Developed R Package to implement parallel processing when conducting permutation tests for neuroimaging data
- Conducted simulations to isolate interaction effect through use of permutation test

New York Presbyerian Hospital   New York, NY
Research Assistant   *May 2019 - Sep 2019*

- Applied neural network to assess quantification of breast MRI fibroglandular tissue (FGT) and background parenchymal enhancement (BPE)
- Evaluated the global trend in artificial intelligence (AI)-based research productivity involving radiology and its subspecialty disciplines

Columbia University   New York, NY
Graduate Teaching Assistant   *Sep 2019 - Dec 2019*

- Collaborated with professors on a range of teaching and assessment activities for Data Science I and Biostatistical Methods I
- Involved in development of new material for department courses

University of California San Francisco   San Francisco, CA
Data Analyst   *Jun 2017 - Jul 2018*

- Utilized cluster analysis to identify molecular subtypes of invasive lobular carcinoma in patients enrolled in the I-SPY2 Trial
- Studied the use of BluePrint subtypes as a predictor of response to HER2 targeted therapies

SKILLS & INTERESTS

Skills: R, SQL, SAS, Python, Tableau
Interests: Hiking, Basketball, Bouldering, Fishing