

SHUHENG KONG

+1(216) 894-5978 ◇ Cleveland, OHIO

sxk1555@case.edu

EDUCATION

Master of Science in Biostatistics, University of Minnesota Twin City	Expected 2024
Bachelor of Science in Applied Mathematics, Case Western Reserve University	Expected 2024
Bachelor of Science in System Biology(secondary), Case Western Reserve University	Expected 2024
Minor in Computer Science, Case Western Reserve University	Expected 2024

SKILLS

R, Python, Java, Matlab, Mathematica, Microsoft Office(All Advanced)

RESEARCH AND PROJECT

Research on Microbiome Nov 2023 - present
Undergraduate Research Assistance

- Conducted an extensive literature review of analyzing microbiome through metagenomic sequence analysis
- Systematically evaluated the potential connections between microbiome and human cancer

Predictive modeling on type 2 diabetes using NHANES dataset Sep 2022 - Dec 2022
Graduate Level Project

- Raise new research questions
- Use R to implement data cleaning, linear/logistic/multi-categorical regression, model development selection and validation, etc

EXPERIENCE

Case Western Reserve university Sep 2022 - May 2023
CSDS302 Teaching Assistance *Cleveland, Ohio*

- Hold office hours to assist students with understanding mathematical terminology and giving rigorous proof
- Supervise exams, assisted with exam distribution and collection

Case Western Reserve university
Peer Tutor *Cleveland, Ohio*

- Peer tutor of 10+ classes
- Skills in both verbal and written communication.
- Motivate students to set academic and personal goals

WORKSHOP AND CERTIFICATE

- CMND 2023 Thematic Program on Rationality and Hyperbolicity
- SCMB 2023 Undergraduate Workshop on Complex Biological Systems

EXTRA-CURRICULAR ACTIVITIES

- Orientation leader for new undergraduate student (2023)
- Peer note-taker of 2 courses
- Undergraduate representative of Faculty Senate Committee on Undergraduate Education(Sep 2022-Jun 2023)
- Undergraduate representative of Faculty Senate Committee on Universities Libraries(Sep 2021-Jun 2022)