Isabella Zhang

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205-382-5937

EDUCATION

Columbia University, Mailman School of Public Health New York, NY, Sept 2018-present

-Candidate for a Master of Public Health in Epidemiology with a certificate in Chronic Disease Epidemiology

Relevant Coursework: Data Science, Analysis of Categorical Data, Applied Epidemiologic Analysis, Application of Epidemiology Research Methods, Analysis of Categorical Data, Design & Conduct of Observational Epidemiology, Chronic Disease Epidemiology, Genetics in Epidemiology, Environmental Epidemiology,

Northeastern University, Boston, MA

- Bachelor of Science in Biology, 2018

-University Honors Program, Dean's List, Presidential Scholarship, Student Conduct Board

-Relevant coursework: Biostatistics, Inquiries in Cell and Molecular Biology, Developmental Neurobiology, Neurobiology of Cognitive Decline, Psychopharmacology, Genetics, Biochemistry

WORK EXPERIENCE

Data Science Translation Intern, Columbia University, New York, NY June 2019-present

-Create ontologies for data harmonization among studies investigating children's heath

-Qualitative analysis to create semantic data dictionaries for the CHEAR online data repository

-Perform lit reviews on the studies in CHEAR and the parent studies

Qualitative Foundations Teaching Assistant, Columbia University, New York, NY Aug 2019-Dec 2019

-Assist the professor in teaching qualitative analysis skills to first year MPH students

-Hold office hours for students, grade assignments

Sleep Lab Research Assistant, Brigham and Women's Hospital, Boston, MA Jan 2016-May 2018

-Collect circadian and sleep/wake cycle data and biological samples from subjects

-Monitor subjects during cognitive tests, apply EEG/EKGs and record data

-Collaborate with PI, doctors, nurses and study team

Psych Research Assistant, Interdisciplinary Affective Science Lab, Boston, MA Sept 2015-May 2018

-Carry out cognitive and affective science tests on participants

-Analyze and score compiled physiological data

-Weekly collaborative meetings with the PI, assisted in development of study protocols, lit reviews

Revenue Cycle Management Intern, Greenway Health, Birmingham, AL   July 2015-Sept 2015

-Track and process claims for clients (hospitals and private practices)

-Bill medical insurance companies

-Log and maintain patient medical records

SKILLS

R Studio, SAS, Excel, HIPAA and CITI and IRB training/certification

Speaks Mandarin