

Jiayi Zhou

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EDUCATION

Columbia University's Mailman School of Public Health, NY, USA

Class of 2022

Master of Science: Epidemiology

University of Connecticut (UConn), CT, USA

Class of 2020

Bachelor of Science: Major in Biological Science, Minor in Molecular Cell Biology (Cumulative GPA: 3.71/4.00)

Honors & awards: Cum Laude

Dean's List, College of Liberal Arts and Sciences, UConn, 2018-2019, Spring 2020

Nomination, Leadership Legacy Experience, UConn, 2019

Selected coursework:

- Data Science: Biostatistical Method, Data Science with R, Computing for Engineering with Python
- Math & Statistics: Calculus I-III, General Physics with Calculus I & II; Statistics I&II
- Biology: Principles of Biology I&II, (Advanced) Cell Biology, Genetics

Skills & languages: R, Python; Microsoft Office Suite; English (Fluent) and Chinese (Native)

SELECTED RESEARCH EXPERIENCE

University of Connecticut, CT, USA

Oct 2019-May 2020

Undergraduate research assistant, Supervisor: Prof. Juliet Lee

Project title: The role of mechanosensing in the regulation of cell movement using zebrafish transgenics

- Conducted literature and background research on techniques for generating transgenic zebrafish embryos
- Learned study protocols and practiced related lab techniques and skills, and participated in weekly lab meetings
- Performed linearization of plasmid DNA, production of mRNA, and microinjection of zebrafish embryos
- Completed routine lab chores to maintain an organized and clean environment

PROFESSIONAL AND TEACHING EXPERIENCE

Receptionist, Quantitative Learning Center at UConn, CT, USA

Sept 2017-May 2020

- Tutored students individually in statistics about course materials
- Greeted students and guests in a friendly and professional manner, and directed them to appropriate venues
- Provided assistance for students to access the resources of university and learning center
- Communicated activities and facilitated communications to maintain a high-quality learning environment
- Classified, organized, and prepared materials for seminars and events
- Performed ad-hoc duties as required

Speaker, First Year Writing Program Faculty Panel at UConn, CT, USA

Apr-Sept 2018

- Gave public speeches as a representative of non-native English speakers to discuss difficulties in English learning
- Participated in tutor's training at UConn Writing Center about the English learning
- Formulated and discussed plans to improve non-native English speakers' learning experience

Teaching Assistant, Director: Prof. Shani Peretz, Youke Education, Beijing, China

Jul-Aug 2018

- Worked as the lead teaching assistant for the Summer Biology Master Class for high school students
- Graded assignments, prepared course materials, facilitated the communication between students and the instructor
- Led daily office hour for the biology course to help student review lecture topics
- Taught lab safety protocol and pre-lab lectures independently in English

Mentor, Leadership Learning Community at UConn, CT, USA

Sept 2016-Dec 2017

- Participated in club trainings including career plan development, job hunting skills, and mock interviews
- Mentored new members on career planning and professional interview skills

English Teacher, EF Education First, Beijing, China

Mar-Aug 2016

- Worked with other teachers to design, draft, and revise course materials
- Taught English classes to pre-school children
- Directed weekly meetings with children's parents to them feedbacks and address their concerns