

EDUCATION

Columbia University

Sept. 2023 – Jun. 2024

Master of Science, Major in Environmental Health Data Science

Core courses: Molecular Epidemiology, Principle of Epidemiology, Biostatistical Methods, Data Science

University of California, Irvine

Sept. 2021– Jun. 2023

Bachelor of Science, Major in Biological Science

GPA: 3.61/4.00

Core courses: Genetics, Scientific Writing, Molecular Biology of Cancer, Biochemistry, Statistics

PROFESSIONAL EXPERIENCE

Credit Force Information Consulting Co

Irvine, CA

Intern

Mar. 2022-Jun. 2022

- Assisted with the development of study designs of science research projects by conducting a literature review and summarizing the findings
- Performed pilot research projects under the supervision of researchers via various lab techniques; Performed RNA isolation and RT-PCRS
- Managed study results and outputs, including datasets, records, and research documentation

ACADEMIC PROJECTS

Project Name

Jul. 2021-Dec. 2021

Identify Isolate A bacteria using ABA DABA Test and finding their antibiotic resistance with the Kirby Bauer Test

- Studied the genus/family and the antibiotic resistance of the isolate A bacteria
- Collected anal isolate A bacteria; Performed seven methods of ABA DABA test to identify the bacteria, including gram staining test, catalase test, oxidase test, minimal media test, fluorescent pigment test, motility test, and endospore test
- Tested the antibiotic resistance through the Kirby Bauer test; Lab operations, including bacteria transfer, incubation, and measurements, were conducted
- Conducted data collection, analysis, qualification, and visualization using R studio and ImageJ

EXTRACURRICULAR ACTIVITIES

Medical, Educational, Missions & Outreach (M.E.M.O)

Irvine, CA

Student Assistant at Recycling Center

May. 2022-Present

- Participated in volunteer work, including preparing and delivering greeting cards to local hospice patients
- Assisted with hosting workshops to popularize public health topics, including CPR, blood glucose and cholesterol, and blood pressure
- Involved in fundraising events and developed fundraising strategies in coordination with other volunteer team members

Orange Coast College

Costa Mesa, CA

Student Assistant at Recycling Center

Mar. 2021-May. 2022

- Assisted with the campaign and instructed students and local residences about the recycling separation process
- Performed basic data entry and generated routine reports using Microsoft Excel and Word
- Cooperated with co-workers to assure the efficiency of the service; Communicated with supervisors timely for needs and issues

US-Myanmar International Student Association (US-MISA)

October 2022-Present

President

- Chief executive of the organization, delegating responsibilities to officers
- Maintained stability within the club and promote awareness of the Myanmar culture

SKILLS

Technical skills: R, Github, MS Office, ImageJ

Language: Burmese (Native), Chinese (Native), English (Fluent)