

**SIYAN, CHEN**

siyanc123@gmail.com/ Phone: 949-502-1046

**SUMMARY**

Biostatistics graduate student with advanced statistics and research experience seeks internship in data analysis

**EDUCATION**

**Columbia University Mailman School of Public Health**, New York, NY

**Master of Science, Biostatistics**, Theory and Method Track

Expected May 2020

**University of California, Irvine, CA**

**Bachelor of Science**, Biological Sciences. Minor in Statistics. Deans Honor List

Received June 2018

**SKILLS**

Computer Skills: MS Office (Word, Excel, PowerPoint)

R, Latex, and basics knowledge of MATLAB

Language Skills: Fluent in Chinese

**INTERNSHIP**

**Data Analyst, Shaanxi Yinuo Industry & Trade Company**

06/2015-08/2015

Attended training on data analysis, familiarize with the company's business workflow

Tidy data and manipulate data

Timely reflected data analysis report and forward suggestions for relevant departments

**RESEARCH EXPERIENCE**

**Researcher, Digestive Strategy of Sphyrna Tiburo Shark at Donovan P. German's Lab**

09/2016-06/2018

Collaborated with 3 research scientists and analyze the enzyme activities of shark with Excel

Conducted an ANOVA test and create plots

Studied how shark species are capable of digesting and assimilating large amounts of nutrients from seagrass

Presented results on 2018 UROP Symposium

**R Project Study the Correlation between Skin Cancer Mortality and Latitude & Longitude**

10/2017

Establish linear models with R to test if skin cancer mortality can be predicated via evaluating latitude & longitude

Regression analysis

**R Project about Multiple Linear Regression**

06/2017

study the relationship between active pulse and resting pulse, height, gender

Built multiple linear regression model to analyze the individual predictor term with t-test and overall fit with F-test

Compared two test results in R and analyzed what made a good model

**OTHER EXPERIENCE**

**Board, Academic & Professional Event Committee, International Student Association**

10/2017-06/2018

Assist to plan academic & professional events and provide services to facilitate international students

Help international students seek research opportunities

**Core Member, Flying Samaritans (Non-profit Organization)**

04/2017-06/2018

Join in the and take clinic trip to provide free health care for underserved populations in Mexico

Assist physicians during diagnosing, disperse medicine, guide patients to take medicine

**International Student Assistant, Ayala School of Biological Sciences**

04/2016-05/2016

Aided newly-admitted international students to get adapt to university life by solving their questions and problems

**Math Tutor**

05/2018-08/2018

**Volunteer, 2015 Children's Water Education Festival**

02/2015