

# ERIC WANG

## RESUME

### EDUCATION

#### Columbia University - New York, NY

M.S. Biostatistics

- Pharmaceutical Statistics Track
- Expected Graduation: Spring 2023

#### UC San Diego - La Jolla, CA

B.S. Public Health - Epidemiology

Minor in Business | PofC in Japanese Studies

Honors with Highest Distinction

- Overall GPA: 3.71 | Major GPA: 3.82
- Graduated: Spring 2021

### PUBLICATIONS & APPEARANCES

Co-Author: D. Adamowicz, E. Lee, B. Palmer, T. Nguyen, E. Wang, X. Tu, C. Liu, D. Jeste, "Associations Between Inflammatory Marker Profiles and Cognitive Functioning in Adults With Schizophrenia and Non-Psychiatric Comparison Subjects", *Biological Psychiatry*, Volume 89, Issue 9, Pages S376-S377, 2021, doi: 10.1016/j.biopsych.2021.02.935.

Acknowledgement: M. Wang, J. Zhang and X. You, "Machine-Type Communication for Maritime Internet of Things: A Design," *IEEE Communications Surveys & Tutorials*, Volume 22, No. 4, Pages 2550-2585, 2020, doi: 10.1109/COMST.2020.3015694.

### SKILLS

- ✓ Tech: R Code, SPSS, MAXQDA, MATLAB, Qualtrics, Epi Info, Microsoft Office
- ✓ Languages: English (Fluent), Chinese (Fluent), Japanese (Intermediate)

### CERTIFICATIONS

- ✓ Data Science Math Skills | Coursera
- ✓ COVID-19 Contact Tracing | Coursera
- ✓ Good Clinical Practice | CITI Program
- ✓ Public Health Research | CITI Program
- ✓ Biomedical Research | CITI Program

### REACH ME AT

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### CAREER HISTORY

#### Data Management Specialist

Columbia Irving Medical Center | Oct 2021 - Present

- Review, analyze and interpret results from standardized neurological and neurophysiological exams
- Decipher data from the concussion settlement between the NFL and the NFL Players Association
- Enter findings into case reports

#### Biostatistics Intern

UC San Diego Health | Jun 2020 - Aug 2021

- Investigated differential associations of blood-based biomarkers with cognitive outcomes between a group of schizophrenic patients and normal controls
- Used partial least squares regression to create composite variables from biomarkers and used them as predictors for analysis
- Created data tables on Word for colleagues to use as a reference for the research publication

#### Public Health Honors Practicum

UC San Diego | Sep 2020 - Jun 2021

- Conducted observational study surveying popular locations throughout San Diego to collect data regarding COVID-19 mask adherence using Qualtrics
- Examined data using Excel and SPSS to research mask adherence based on location and age to inform country officials on COVID-19 responses to improve regulations

#### Research Intern

Nanjing University | Jan 2020 - Nov 2020

- Collected maritime service data and analyzed the statistical properties of message packet size and arrival time
- Edited paper for publication

#### Qualitative Researcher

UC San Diego | Mar 2020 - Jun 2020

- Administered in-depth interviews and observational studies with study participants to observe impact of COVID-19 on student's mental health
- Coded interviews using MAXQDA until data saturation was reached in our database for accurate data analysis
- Analyzed resulting data using Excel to present findings and recommendations through presentations and policy briefs

#### Data Analyst Intern

The University of Tokyo | Oct 2019 - Dec 2019

- Collected and analyzed network metadata using SPSS and statistical methods such as ANOVA and Friedman test
- Monitored health IoT and security monitoring data to reveal problem areas and identify focus points
- Designed charts and graphs using SPSS to visualize statistical trends and correlations

#### Research Intern

UC San Diego | Jun 2019 - Aug 2019

- Assisted PhD research on cell signaling pathways through conducting weekly experiments and summarized weekly findings via project reports
- Performed PCRs, gel electrophoresis, Gibson assembly, and imaging daily to support research findings

### ACHIEVEMENTS

- ★ Honors with Highest Distinction (2021)
- ★ Public Health Honors Practicum (2020)
- ★ Provost's Honors (2017-2021)
- ★ Golden State Seal Merit (2017)
- ★ California State Seal of Biliteracy (2017)