

# JACKY CHOI

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## EDUCATION

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**Columbia University**, Mailman School of Public Health, New York, NY 2017-2019

- **Master of Public Health**, Department of Epidemiology, Certificate: Applied Biostatistics

**Cornell University**, College of Arts and Sciences, Ithaca, NY 2010-2014

- Bachelor of Arts, Major: Biology & Society, Minors: Global Health; Nutrition and Health

## SKILLS

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**Data:** EDA, wrangling, manipulation, reporting, analysis, management, and visualization

**R** (RStudio, R Markdown): tidyverse, plot\_ly, functions, dplyr, dashboards, lubridate, sqldf

**SAS** (Base, Enterprise, Studio): Linear and logistic regression, ANOVA, survival analysis, GEE and MLM models

**Relational Databases and Languages:** Microsoft Access, SQL (MS SQL, MySQL, PROC SQL)

**Research:** Recruitment, data collection, literature reviews, training, operations, evaluation and analysis, reports

## EXPERIENCES

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**Wellthie**, New York City, NY July 2019-Present

### **Healthcare Data Analyst**

- Creating and optimizing R code for various data sources involving carriers, plan benefits, and rates
- Running and testing SQL queries for data pulls and to assist with interactive dashboard changes
- Working with data and engineering team in utilizing pipeline to automate uploads to database
- Producing monthly data analytic reports for client and working on competitive market analytics

**NYC Department of Health**, Long Island City, NY June 2018-Mar 2019

### **Data Manager** (HRTF Graduate Intern)

- Performed statistical analysis between sample characteristics and PEP and PrEP uptake, trends, and outcomes among men who have sex with men (MSM) and women of color (WOC) using SAS
- Assisted with data cleaning, reporting, and pulls for the Sexual Health Survey by finalizing analytical datasets, completed data tables for independent researchers, and met external data requests
- Developed raw and analytic codebooks containing analytic variables, skip patterns, and other skip logic
- Created supporting documentation to streamline processes for data management and reporting for future

**Westat, Health Studies Area**, Rockville, MD Dec 2014-July 2017

### **Research Analyst** (Dec. 2016 – July 2017) | **Research Assistant** (Dec. 2014 – Dec. 2016)

- Supported the design, implementation, and analysis of USDA research projects; learned and utilized SAS; developed instruments; completed technical reports and deliverables; and created training materials
- Projects included working alongside statisticians and statistical programmers to ensure data files from 25 State agencies were clean enough to construct sampling frame of child care centers
- Other projects involved evaluation work of the National School Breakfast and Lunch Programs, data visualization for the Wounded Warriors Project's annual report, and recruitment of SNAP agencies

## OTHER

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- Master's Thesis: Examined association between social and sexual network overlap, network support, and serodiscordant condomless intercourse using multivariable logistic regression with GEE modeling
- <https://jmc2392.github.io/>: Portfolio containing projects related to exploratory data analysis, formal statistical tests, survival analysis, and biostatistics using R, SAS, and SQL