

Alicia Chen

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Education

MS | Analytics, *summa cum laude*
North Carolina State University |
May 2021

BA | Psychology, *cum laude*
University of North Carolina | May
2016 | Minors in Biology &
Chemistry

Technical Skills

Programming Languages
Python • R • SAS • SQL
(Postgres) • Javascript •
HTML/CSS

General

GitHub • Tableau • Docker • Flask •
Machine Learning • Predictive
Modeling • Data Visualization •
Agile Methodologies

Volunteer Experience

Data Coordinator

DePaul University Department of
Psychology | 2018 - 2019

- Co-led transition of data management system, saving hundreds of hours of work/year
- Analyzed, managed, cleaned and presented mental health intervention data to leadership
- Trained and managed a team of 10+ research assistants in data management and analysis

Crisis Line Counselor

InterAct of Wake County | 2017 -
2018

- Counseled, and safety planned for survivors of domestic violence and sexual assault

Research Assistant

University of North Carolina
Department of Psychology | 2011 -2016

- Awarded \$300 grant from the Undergraduate Research Fund
- Analyzed, cleaned, and collected data for 6+ research studies in multiple laboratories

Work Experience

Data Scientist

Evernorth (as part of Cigna)

Raleigh, NC

June 2021 – Present

- Performing predictive modeling, machine learning, and data wrangling on healthcare claims data to improve client cost savings

Data Scientist

VitalFlo, Inc.

Raleigh, NC

June 2020 – June 2021

- Created lung health machine learning algorithms and visualizations using clinical data; contributed to product and strategy

Lead Data Scientist

VitalFlo, Inc.

Raleigh, NC

November 2019 – June 2020

- Provided strategy and direction for data science department at a seed-funded startup, contributing to partnerships built with 6+ clinical & research partners (including brand name, top-tier clinics and research universities)
- Built visualizations and predictive models with accuracy comparable to top-performing research models for lung health patients

Data Analyst

STEMing, LLC

San Diego, CA (Remote)

July 2019 – July 2020

- Designed surveys, analyzed data, and communicated key insights on STEM education program to leadership
- Contributed to program expansion to two additional universities

Research Laboratory Manager

DePaul University Department of Psychology

Chicago, IL

May 2018 – October 2019

- Increased participant adherence & engagement by 160% and reached 100% recruitment goal for a \$1M multi-year health-intervention study
- Performed data analysis and collection for 5+ research studies
- Managed and supervised a team of 6-9 in research and data management

Therapeutic Assistant

Veritas Collaborative

Durham, NC

October 2017 – May 2018

- Co-facilitated psychoeducational group therapy for 4-8 adult patients with eating disorders
- Led & coordinated a team of 4-6 therapeutic assistants on a weekly basis
- Awarded Veritas Collaborative STAR Employee Award two times

Data Specialist (internship)

ALPS Solutions

Raleigh, NC

October 2016 – October 2017

- Managed, cleaned, and analyzed 15+ years (15,000+ students) of archival data for an industrial-organizational psychology consulting firm

Academic Work

Team Lead

Cape Fear Collective (*practicum sponsor*)

NC State University

September 2020 – May 2021

- Managed & led a team of 5 graduate students for an eight-month project sponsored by a nonprofit organization
- Sourced, cleaned, and aggregated data using APIs
- Created supervised & unsupervised models to quantify food inequity
- Developed a Shiny dashboard and communicate results to nonprofit leaders