

Justina Nguyen

DATA SCIENTIST

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PROFILE

I am a highly motivated junior Data Scientist with a strong background in biological research and clinical trials. I am passionate about working with data to uncover insights. My curiosity lies in understanding the factors that contribute to diagnosing illnesses and diseases. I aim to combine my interests by utilizing data science to optimize data efficiency in predictive analyses related to patients' health.

SKILLS

EMR, Microsoft Office, Microsoft Excel, SQL, Python, R, Hypothesis Testing, A/B tests, Regression, Tableau, Matplotlib, Plotly, Seaborn, Bokeh, Tensorflow, Keras, Pytorch, AWS, Hadoop, Spark, Hive, Docker, Parametric and non-Parametric tests, Machine Learning in scikit-learn

EDUCATION

BrainStation | Diploma, Data Science

APR 2023 - JUN 2023, ONLINE

University of California, San Diego (UCSD) | Bachelors in Biochemistry and Cell Biology
2015 - 2017, LA JOLLA, CA

Rio Hondo College | Associates in General Math and Science
2012 - 2015, WHITTIER, CA

PROJECTS

Data Privacy Management (Capstone) | BrainStation

APR 2023 - JUN 2023, ONLINE

- Coordinated and collaborated with Software Engineers and User Experience Designers to develop a business proposal to improve data privacy management.
- Created a working demo website to present to industry partner, Microsoft, in under 24 hours.

EXPERIENCE

Clinical Trials Research Assistant | UCSD Health

JAN 2022 - MAR 2023, LA JOLLA, CA

- Coordinated and communicated with research subjects, research clinic, and study team to resolve complexity issues including, not limited to, scheduling, compliance to trial guidelines, data collection.
- Utilized protocol-specific inclusion and exclusion criteria to screen thousands of subjects for eligibility in UCSD's Electronic Medical Record (EMR) and documented their eligibility status.
- Implemented new strategies to increase workflow efficiency among study coordinators and volunteers, optimizing productivity within the office space and research clinic.

Biological Science Lab Technician | VA San Diego Healthcare System

FEB 2019 - DEC 2021, LA JOLLA, CA

- Performed and assisted with terminal and survival animal surgeries, showcasing hands-on technical expertise.
- Spearheaded an independent longitudinal project. Performed and collected data from experiments. Analyzed and reported the findings in a manuscript which was submitted to a journal.

Research Associate I | Hologic Inc.

OCT 2017 - JAN 2019, SAN DIEGO, CA

- Planned and built test panels for LOD/LOQ required in various studies, demonstrating meticulous planning and organizational skills.
- Executed experiments utilizing critical thinking skills by troubleshooting instrumentation issues to improve customer experience. Collected, analyzed, visualized, and presented data to managers and the director, showcasing strong analytical and communication skills.
- Enhanced workflow efficiency on various teams by assisting in building panels, reconstituting reagents, and performing various assays such as HIV and HPV.