Keiana Dunn
DATA SCIENTIST

CONTACT

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📍 Union, New Jersey

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github/ktd2001

SKILLS

Personal
 Stakeholder engagement
 Public Speaking
 Project management

Languages
 Python
 RStudio
 Linux

Database Management
 SQL Server

Visualization
 Matplotlib
 ggplot

Frameworks/Packages
 Pandas
 NumPy
 Tidyverse
 R markdown
 Scikit-learn
 Keras
 Open CV
 Excel

Machine Learning
 Regression
 Classification
 Feature engineering
 Model selection

EDUCATION

MS Data Science and Strategic Analytics

Stockton University   2019   Galloway, New Jersey

Concentrations in Machine Learning, Data Analysis, Data Gathering & Warehousing, Data Visualization.

BS Animal Science and Management

University of California, Davis   2002   Davis, California

Fundamental courses Mathematics, Animal Modeling, Biostatistics, Business Organization and Animal Science.

EXPERIENCE

Program Director

Super Smart Enrichment, Inc.   2016 - 2018   Brooklyn, New York

- Translated year-long growth ambitions into short-term day to day operations.
- Developed and implemented educational, enrichment, and skill-based programs for elementary students in collaboration with teachers and stakeholders.
- Optimized networking capacity to attract clients and stakeholders.
- Prepared and monitored program's budget.
- Developed SMART goals and tracked metrics shrinking the revenue gap by 18% year over year.

Project Coordinator

Center for Law & Social Justice   2016 - 2017   Brooklyn, New York

- Implemented data-driven project management strategies to grow community engagement volumes by 61% and surpassed funding target by 25%.
- Collected, tabulated and reported research data for advocacy programs resulting in $100K grant funding for succeeding year.

Associate Scientist

Merck & Co.   2010 - 2016   Kenilworth, New Jersey

- Produced early stage invivo modeling results for Diabetes, Thrombosis, and Infectious Disease therapeutic areas.
- Lead projects from inception, planning, execution through completion.
- Authored standard operating procedures, scientific study protocols and clinical study reports.
- Conducted monitoring of ongoing studies.
- Collaborated with key stakeholders, investigators, operational teams, regulatory agencies, and ethical committees.

Assistant Scientist (formerly Schering-Plough Research Institute)

Merck & Co.   2006 - 2010   Summit, New Jersey

- Implemented pre-clinical development for invivo investigative research in Diabetes, Obesity, Respiratory, Immunology and Cardiovascular therapeutic areas.
- Co-developed and co-managed toxicology trials working closely with clinical monitors, investigators, regulatory agencies, ethical committees, and key stakeholders.
- Co-authored scientific and clinical sections of study protocols, study abstracts, publications and presentations for scientific community platforms for early drug development.

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