



# Keiana Dunn

## DATA SCIENTIST


### CONTACT

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### 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.