



Keiana Dunn

DATA SCIENTIST


CONTACT

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SKILLS

Personal

Leadership
Stakeholder Engagement
People Oriented
Public Speaking
Project Management
Creative Thinker

Languages

Python
RStudio
Linux

Database Management

SQL Server

Visualization

Plotly Dash
Matplotlib
ggplot

Frameworks/Packages

Python
Pandas
NumPy
Scikit-learn
Keras
Open CV
R markdown
Tidyverse
Microsoft Excel
Microsoft PowerPoint

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.

Graduate Practicum: Machine Learning - Vehicle Detection using Background Subtraction MoG2 and Haar Cascade Classifier on Roadway Surveillance Video

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.