Keiana Dunn

CONTACT

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SKILLS

Soft
Leadership
Stakeholder Engagement
People Oriented
Teamwork
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

Professional Development
Seminars and online certifications

EDUCATION

MS Data Science and Strategic Analytics
Stockton University   2019   Galloway, New Jersey
- Concentrations in Machine Learning, Data Analysis, Data Gathering & Warehousing, Data Visualization. 3.9 GPA
- 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   2003   Davis, California
- Fundamental courses Mathematics, Animal Modeling, Biostatistics, Business Organization and Animal Science.

EXPERIENCE

Program Director
Super Smart Enrichment, Inc.   11/2016 - 12/2018   Brooklyn, New York
- Translated year-long growth ambitions into short-term day to day operations.
- Supported educational, enrichment, and skill-based programs for elementary students in collaboration with teachers and stakeholders.
- Optimized networking capacities to attract new clients and stakeholders.
- Developed SMART goals and tracked metrics shrinking the revenue gap by 18% year over year.
- **Key achievement:** Received program sponsorship from 3 schools, increasing enrollment and revenue.

Project Coordinator
Center for Law & Social Justice   10/2016 - 6/2017   Brooklyn, New York
- Collaborated in weekly meetings for initiatives to increase team productivity and determine support capacities.
- Co-facilitated community outreach monthly sessions

Associate Scientist
Merck & Co.   11/2010 - 9/2016   Kenilworth, New Jersey
- Produced early stage invivo modeling results for Diabetes, Thrombosis, and Infectious Disease therapeutic areas through cross functional collaboration.
- Supported and troubleshooted R&D IT applications by performing IQ/OQ/PQ validations.
- Authored standard operating procedures, scientific study protocols and clinical study reports in accordance with federal guidelines.
- Collaborated with key stakeholders, investigators, operational teams, and ethical committees to strategize support capacities.
- **Key achievement:** Designed and created enrichment device, saved company ~20K and increased specie-specific behavior for colony animals.

Assistant Scientist (formerly Schering-Plough Research Institute)
Merck & Co.   1/2006 - 10/2010   Summit, New Jersey
- 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.
- **Key achievement:** Trained team members on laboratory procedures to comply with GLP regulations, increased team member utilization by 20%.