

Contact

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Top Skills

Research
Leadership
Psychology

Languages

English (Native or Bilingual)
Spanish (Limited Working)

Certifications

Clinical Data Management Module in the Clinical Trial Orientation

Web-based training course on "Protecting Human Research Participants"

Blood borne Pathogens Training, OSHA compatible

Social and Behavioral Responsible Conduct of Research, RCR

Honors-Awards

Dean's List

APA Student Research Contest Winner- PT@CC

Dean's List

Holly Bergen

Data Specialist | Researcher | Data Science Enthusiast
San Diego, California

Summary

Passionate about story-telling through data and ready to take the Data Science industry by storm!

Experience

UC San Diego Extension

Data Science and Visualization Graduate

January 2019 - July 2019 (7 months)

Greater San Diego Area

Environments: Python, Excel/VBA, HTML/CSS, JavaScript, SQL, Tableau, Heroku, AWS

* Group Project: Opioid Crisis | Data collection by interaction with RESTful APIs using Python Requests and JSON parsing techniques, creation of Python-based scripts to automate the cleanup, re-structuring, and rendering of large, heterogeneous datasets and visualizations | https://github.com/hollybergen/Data_Viz_Project

* Group Project: ETL – Searching for Happiness | EXTRACT: JSON parsing and RESTful API calls. TRANSFORM: Data wrangling, munging, and cleaning in Python by transforming API calls and CSV files into DataFrames in Python using Pandas. LOAD: Using MongoDB, SQLAlchemy and PyMySQL – creating rds connection string, create engine, connect to engine and load into database | https://github.com/hollybergen/Data_Viz_GroupProj_ETL

* Project: Belly Button Biodiversity | Using biological data to build custom interactive data visualizations dashboard in JavaScript Plotly.js library & D3.js, building on HTML and deploying the Flask application to Heroku | <https://belly-button-div-app.herokuapp.com/>

* Group Project: Fake News | Data collection using web scraping techniques and API calls, data wrangling and function creation in Python to analyze headline metrics, machine learning in Python using logistic regression, SKLearn, TF-IDF Vectorizers including Naïve Bayes, XG Boost, and Random Forest models. Visualizations in Tableau | https://github.com/hollybergen/UCSDDataViz_Capstone/blob/master/Final%20Project.pdf

StemGenex

Clinical Data Specialist and Research Coordinator

December 2016 - October 2018 (1 year 11 months)

La Jolla, CA

Environments: Microsoft Excel, Microsoft Office, Tableau

Main Purpose: Managing 5 NIH-funded outcome studies related to Stem Cell treatments for patients with MS, Parkinson's Disease, Osteoarthritis, Rheumatoid Arthritis, and COPD

- * Patient advocacy | Collecting data from patient charts, medical records, questionnaires, diagnostic tests, as well as coordinating and planning all aspects of travel for patients, including hotel and transportation arrangements
- * Clinical research | Creation of SOP's, conducting pre- and post treatment assessments of patients through questionnaires, collecting, maintaining, and analyzing clinical research data, acting as liaison between research staff and third party organizations such as IRB and FDA
- * Administrative | triaging of phone calls, communicating with patients, general office duties such as filing, copying, faxing, create spreadsheets/report, offering assistance to members of other teams when necessary

UCSD Infant Vision Lab

Student Researcher

June 2014 - June 2016 (2 years 1 month)

- * Responsible for running research studies from conception to implementation. Including:
recruiting and testing human subjects, data entry and organization, independently analyzing individual and large sets of data
- * Maintaining communication within, as well as organization and maintenance of the lab, training and helping manage teams of incoming research assistants, working on multiple studies simultaneously

University of California, San Diego

Associated Students Lecture Note-Taker

March 2014 - June 2016 (2 years 4 months)

- * Taking accurate and reliable notes for student populations
- * Marketing to students and promoting sales of subscriptions
- * Received positive feedback from students, professors, and was rehired for each subsequent quarter

Pearson

Research Assistant (Contract)

September 2015 - January 2016 (5 months)

- * Data collection at an Elementary afterschool program, proctoring pre and post assessment tests, assisting in children's learning and training of "brain training" application
- * Recording and maintaining accurate data, troubleshooting technology, and coordinating with research team, school program leaders, and technology specialists throughout data collection process

Covance

Program Specialist (Temp)

June 2010 - February 2011 (9 months)

- * Representative for pharmaceutical company's Patient Assistant Programs (PAP's)
- * Acted as liaison between patients and health insurance companies
- * Handled every aspect of patient files from reviewing and entering new applications, keeping their file current and ensuring proper documentation present, maintaining contact with the patient and their insurance company throughout the entire process

Bonita Pet Hospital

Veterinary Receptionist/ Customer Service Representative

November 2007 - June 2009 (1 year 8 months)

- * Responsibilities included all office duties necessary to maintain office and patient flow; handling multiple phone lines, scheduling appointments, maintenance of medical records, handling finances including creation and presentation of itemized estimates, filling medications
- * Maintaining close working relationship with Veterinarians to handle cases and training incoming employees

Education

UC San Diego Extension

Data Science & Visualization Boot Camp, Data Processing · (2019 - 2019)

University of California, San Diego

Bachelor of Science (B.S.) in Psychology - Developmental, minor in Cognitive Science, Psychology- Honors · (2013 - 2016)

San Diego Mesa College

Associate's Degree; AA, Liberal Arts and Sciences/ Social and Behavioral Sciences- Psychology · (2010 - 2013)