Holly J. Bergen
Data Specialist | Researcher

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💬 SUMMARY

Data enthusiast with over 7 years of experience in research. Excellent reputation for being a positive team member as well as trustworthy to work independently. Recent graduate in Data Science program and experience with projects using ETL techniques, data wrangling, full-stack programming and web development to successfully analyze and visualize trends in data. Looking to apply these skills and provide data-driven stories and influence informed business decisions.

💼 PROFESSIONAL EXPERIENCE

Gene St. Louis Consulting – San Diego, CA
Mar, 2019 – Present: Freelance Contractor/Data Consultant
Environments: Microsoft Excel, Microsoft PowerPoint
- Creation and maintenance of in-depth dental industry analysis tools primarily in Microsoft Excel including VBA programming tasks and data visualizations
- Establish analysis tools and methods for improving customer-end experiences
- Creating Microsoft PowerPoint templates and ongoing visualizations for industry presentations

University of California, San Diego Extension School – San Diego, CA
Jan, 2019 – July, 2019: Data Science & Visualization Boot Camp Graduate
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 Ploty.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, Inc. – San Diego, CA
Dec, 2016 – Oct, 2018: Data Specialist and Clinical Research Coordinator
Environments: Microsoft Excel, Tableau, Salesforce, eClinical Works (eCW)
- 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 | triage 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

Pine House Café & Tavern - Mount Laguna, CA
July, 2016 – June, 2017: Executive Assistant
- Reliable right-hand to restaurant owner in various logistical tasks, including but not limited to; market research, event coordinating and planning, marketing tasks, collecting donations, and promoting for and running charity events

University of California, San Diego – San Diego, CA
June, 2013 – June, 2016: Research Assistant – Infant Vision Lab
Environments: Microsoft Excel/Microsoft Office, SAS JMP, SPSS, MatLab
- 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

Pearson Education, Inc. – San Diego, CA
September, 2015 – January, 2016: Research Assistant (Contracted)
- 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

EDUCATION

2019
Data Science & Visualization Boot Camp
University of California, San Diego - Extension

2013 - 2016
B.S. Psychology - Developmental
Minor: Cognitive Science
Cum Laude, Highest Distinction
University of California, San Diego
Specialized in areas of developmental psychology, social psychology, and cognitive neuroscience
Overall GPA: 3.8 | Major GPA: 3.9

2011 - 2013
A.A. Liberal Arts and Sciences:
Social/Behavioral Sciences – Psychology
San Diego Mesa College, CA
Overall GPA: 3.6 | Major GPA: 4.0