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Top Skills

Data Analysis

Data Visualization

Machine Learning

Certifications

Databases and SQL for Data
Science with Python

Data Visualization and Dashboards
with Excel and Cognos

Introduction to Data Analytics

Excel Basics for Data Analysis

Python Project for Data Science

Patents

Sponge Sanitizing Enclosure

Brent Gibson

Data Science & Machine Learning | Python, SQL, Tableau,
TensorFlow | Turning Data into Insights
Austin, Texas, United States

Summary

I am a Data Scientist with a strong foundation in software
engineering and a passion for using data to solve real-world
problems. With expertise in Python, SQL, machine learning, and
data visualization, I enjoy turning complex datasets into actionable
insights.

Currently pursuing my MS in Computer Science at the University
of Colorado, Boulder with a focus on machine learning and artificial
intelligence, I have both academic depth and hands-on project
experience. My history in hospitality and project management helped
me develop strong interpersonal skills and the ability to effectively
interact with all personality types. I bring a combination of technical
ability, people skills, and management experience to the table, and I
make myself a valuable asset to every team of which I am a part.

Core Skills:
Python (NumPy, pandas, scikit-learn, TensorFlow, PyTorch)
SQL & data pipeline development
Predictive modeling & machine learning
Data visualization (Tableau, IBM Cognos, Plotly, Seaborn,
Matplotlib)
Communication, leadership, and cross-functional collaboration

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Experience

Outlier
AI Trainer and Prompt Engineer
July 2023 - Present (2 years 6 months)

Training LLMs to enhance accuracy and relevance and evaluating AI-
generated responses to ensure they meet strict criteria for harmlessness and
client privacy.

Designing complex and creative prompts that push the learning capabilities of the AI.

Southwest Research Institute
Student Engineer
May 2020 - August 2021 (1 year 4 months)
San Antonio, Texas, United States

It was an honor to secure a spot in the Southwest Research Institute's highly competitive summer research program. My position was in the Applied Power Division which handles SwRI's military and classified contracts. The majority of my technical projects involved writing code for Arm Cortex-M microcontrollers using C and C++. I also coded in Python for several projects, specifically for programs involving the interpretation of global positioning data. As a researcher, I was often tasked with reading vast amounts of complex government documents, sifting out the relevant information, and then presenting my findings to senior engineers.

Tarsus Entertainment
Project Manager, Software Tester
September 2017 - June 2019 (1 year 10 months)
Los Angeles, California, United States

Tarsus was a small startup with the ambitious goal of not only creating a next-generation set-top streaming device, but also revolutionizing the way creators share their content and interact with their fans. I worked directly with the CEO and coordinated communication between the head office, the software developers, the investors, and the celebrity clientele we hoped to enlist as spokespeople. I also generated financial reports and presentation material regarding market demographics and the internet habits of our target audience.

When funding was tight, I also acted as a software tester for the Android apps that we planned to port over for use on the streaming hardware. I compiled lists of bugs and wrote reports evaluating the overall UX which I presented to the engineers and then verified that each bug was addressed in the next update.

Cora Global Concepts
Project Manager
January 2018 - January 2019 (1 year 1 month)
Irvine, California, United States

While working at Tarsus Entertainment, our search for investors brought me in contact the real estate development team at Cora Global Concepts. They were impressed with my communication skills and team leadership to the point that the CEO, ex Disney VP John Cora, recruited me to act as project manager on a new venture that aimed to bring a world class theme park and luxury resort to central Spain. I orchestrated seamless communication and data sharing between the Madrid, New York, and LA offices of the project. I also created comprehensive milestone timetables, set meeting agendas, held teams accountable for staying on schedule, and I generated presentation materials that were instrumental in securing the governmental approval required for us to break ground.

Wally's Fine Wine, Spirits & Gourmet Market
Restaurant Manager
September 2014 - August 2017 (3 years)
Beverly Hills, California, United States

In 2013, the new owners of Southern California's premier wine and spirit distributor Wally's had the bold ambition of combining a world class wine and cheese shop and a five star French restaurant into a single concept, and they wanted to do it in the middle of Beverly Hills. The President of Wally's and the Director of Hospitality, each having been impressed with my previous work in the industry, recruited me to be part of the team that would bring this dream to life.

Prior to opening, my focus was on creating training materials for front-of-house staff, screening and hiring applicants, building the bookkeeping system they still use today, and creating the inventory procedures that would allow us to track product being transferred between the retail and food service departments.
Once we were open to the public, my daily duties included managing dozens of employees across four departments, hiring and firing, and the scheduling and ongoing training for service staff.

I am very proud of what we accomplished at Wally's, and the skills I honed while there have made me more effective in every role I've had since.

Education

California State University, Northridge

Bachelor's degree, Computer Science · (September 2020 - May 2022)

Santa Monica College
Certificate of Achievement, Computer Science · (February 2016 - May 2020)

Boston University
Electrical and Computer Engineering · (2001 - 2004)

Texas Academy of Math and Science
· (1997 - 1999)