JOHN GONZALEZ

Data Analyst

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EDUCATION

University of California San Diego   *Mar 2021*

Bachelor of Science in Cognitive Science, *Specialization in Machine Learning and Neural Computation*

Minor in Philosophy

Relevant Coursework: Data Science, Modeling and Data Analysis, Supervised Machine Learning, Statistical Analysis, Reinforcement Learning, AI Algorithms, Intro to Python, Probability, Linear Algebra

Google Data Analytics Professional Certificate   *Nov 2021*

- Eight-course data analysis program covering data cleaning, data ethics, and data visualization.
- *Case Study*: Identified areas for growth in user engagement and provided a recommendation for stakeholders.

TECHNICAL SKILLS

Programming:	Python, SQL, R Programming, HTML, CSS, JavaScript
Software:	Microsoft Excel/Google Sheets, Tableau, Git/GitHub, Google Cloud Platform (GCP)
Statistical Techniques:	A/B Testing, Cross Validation, Regression Analysis, Decision Tree, Random Forest
Certification:	Google Data Analytics
Languages:	*Native*: English, Spanish | *Intermediate*: French, Italian

EXPERIENCE

More information about these projects can be found in my online portfolio or in my GitHub profile.

Resume Review   *Aug 2022*

Natural Language Processing (NLP)

- Deployed a web app that identifies top keywords in a job description and searches resumes for those keywords.
- Cleaned text data with Python using regular expressions and calculated word frequencies with the scikit-learn library.

Bellabeat Case Study   *May 2022*

Data Visualization and Data Analysis

- Analyzed a dataset including health data (calories burned, minutes slept, etc.) with 940 data points across 34 users.
- Wrote SQL queries in Google BigQuery to filter and sort the dataset during exploratory data analysis (EDA).
- Created a Tableau dashboard and provided a recommendation of improving the sleep features of the Fitbit device, which would result in a 25% increase in user engagement.

Product Sales Analysis   *Feb 2022*

Data Visualization and Data Analysis

- Designed a Tableau dashboard tracking KPIs such as orders placed within the last 30 days, advertisement conversion rate, etc.
- Analyzed a dataset of customer data (level of education, income, product purchases, etc.).
- Performed feature engineering on the dataset with Python to improve usability.

Vocabulary Builder   *Feb 2022*

Data Collection and Processing

- Built a web app that identifies the 500 most frequent words in 5 languages to improve one's vocabulary.
- Used the Twitter API with Python to collect 200 tweets from 50 Twitter accounts, resulting in a dataset with 10,000 tweets.
- Cleaned text data and removed stopwords with Python using regular expressions and the scikit-learn library.

MIT Book Data   *Jan 2022*

Data Collection

- Extracted data related to the 70 books in the MIT Essential Knowledge Series, such as author, publish date, price, etc.
- Web scraped the data using the BeautifulSoup library with Python.
- Uploaded the data to GCP BigQuery to be queried at any time with SQL.

Language Classifier   *Dec 2021*

Supervised Machine Learning
  - Trained a machine learning algorithm on 10,000 sentences for 10 languages from the Wikipedia Language Identification Database.
  - Compared the accuracy, precision, and recall on three multiclass classification algorithms.
  - Deployed a web app where a trained Random Forest Classifier predicts the language of any given sentence.

GitHub Repository Automation   *Nov 2021*

Automation
  - Created bash (MacOS) and batch (Windows) scripts to set up a GitHub repository both locally and remotely.
  - The script reduced the time required to set up a new repository from minutes to seconds.

PROFESSIONAL EXPERIENCE

Gonzalez Repair Services   Rancho Cucamonga, CA

Project Manager and Repairer   Jan 2022 – Present
  - Responsible for planning and organizing various repair projects.
  - Manage an Excel spreadsheet that calculates the cost of materials and quantity needed for multiple projects.
  - Communicates with clients on each project's timeframe, estimated costs, and alterations.

Career Break

Learning and Application   *May 2021 – Present*
  - Completed the Google Data Analytics Program in November 2021.
  - Built and deployed numerous web apps and business intelligence dashboards.

Full-time Caregiver   *June 2021 – April 2022*
  - Cared for my grandmother full-time during her recovery from an injury.

Travel   *June 2022 and Sept 2022*
  - Visited Europe and Central America.

Kabuki Japanese Restaurant   Rancho Cucamonga, CA

Food Runner   *Apr 2017 – Feb 2018*
Busser   *Dec 2016 – Apr 2017*
  - Coordinated the process of delivering orders from the kitchen to the customer in a timely manner.
  - Trained new hires and ensured high quality output at all times.
  - Consistently maintained an organized environment, especially during peak hours.
  - Collaborated with co-workers to ensure that customers had a positive experience.