John Gaughan

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CORE KNOWLEDGE & SKILLS

- Python & Jupyter Notebook Fundamentals
- Pandas, Numpy, & CSV Fundamentals
- Verbal & Written Communication
- Environmental Cleanup Analysis
- Organization & Prioritization
- Fluent Spanish

PROJECTS

GitHub (fjohngaughan)

Hispanic American Mental Health App Viability Analysis   November - December 2020
- Revealed potential market opportunity for a self-care mental health app designed for Hispanic Americans
- Cleaned data on 17,000+ apps and analyzed niche app data in Jupyter Notebook with Python, using Pandas and Numpy

Instagram Hashtag Analysis   December 2020
- Delivered tailored hashtag strategy for artist based on data analysis of recent posts and hashtags used, resulting in an initial increase of 77% in non-follower exposure via hashtags.
- Collected data on 19 posts and 100+ hashtags; created and analyzed DataFrames in Jupyter Notebook with Python

EXPERIENCE

Langsam, Stevens, Silver & Hollaender LLC Philadelphia, PA   March 2019 – November 2020
Legal Assistant, Environmental Insurance Group
- Analyzed monthly and reported on data collection methods; tables and representations of pollutant data; analyses of pollution characterization and remediation outcomes; and figures of soil composition and pollutant levels and hot spots
- Calculated and summarized California state budget changes regarding environmental agencies and the state judiciary
- Enhanced index system for and reorganized 100,000+ electronic case files, driving up to 10x faster file procurement

Jeff Benedict, Author Lyme, CT
Journalistic Research Assistant   June 2018 – August 2018
- Independently synthesized information from hundreds of sources to contribute 90+ pages to book project timeline
- Identified high-value biographical content by locating, organizing, and reviewing news, litigation, and legal documents
- Devised new report for author outlining context, sources, and interview questions to drive more valuable interviews

The Herald (Southern Virginia University) Buena Vista, VA
Co-Chief Editor   January 2018 – May 2018
Staff Journalist   January 2017 – January 2018
- Integrated US Census Bureau data on unemployment rates, and household and per capita income, into longform article
- Co-led marketing team in event planning, market research, and collaboration across University departments
- Initiated author speaking event and carried out with small team—secured and liaised directly with NYT bestselling author, coordinated schedule, prepared invite email template, and co-hosted event with near-maximum attendance

McGuireWoods LLP Richmond, VA
Paralegal Intern   June 2017 – August 2017
- Managed over 15 cases in fast-paced setting, primarily for Spanish-only immigrants seeking asylum, including interfacing with federal court, supervising lawyer, and clients by email and phone on case-related matters
- Quickly learned and applied US immigration rules, procedures, and terminology in English and Spanish
- Interpreted for all client-lawyer interactions and translated Spanish affidavits and other official documents to English

EDUCATION

Coding Temple Online   February – April 2021
Full Stack Web Development / Python + Data Science
UC Berkeley, Haas Executive Education Online   Present – February 2021
Data Science: Bridging Principles and Practice
Dataquest Online   December 2020
Python for Data Science: Fundamentals Certificate
Southern Virginia University Buena Vista, VA   Graduated May 2018
Bachelor of Arts in English
- Graduated *summa cum laude*
- Barrus Scholar (University's liberal arts award)
- Senior Peer Mentor & Orientation Leader
- Student-Athlete