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Nicolette Venant

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SKILLS

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| Tools and Languages | React Javascript Typescript SCSS/CSS Node Figma Python:Pandas,Numpy,sklearn SQL Excel: vlookups, pivot tables Object-Oriented Programming |
| Data Visualization | Tableau, Matplotlib |

TECHNICAL EXPERIENCE

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| Behavioral Data Analyst <i>Southern Behavior Consultants</i> | Fall 2022 — Present <i>Atlanta, GA</i> |
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- Accurately analyzed and recorded behavioral data to track progress and measure the effectiveness of implemented interventions. Utilized data-driven decision-making to offer recommendations to treatment plans for optimal outcomes while remaining HIPPA compliant.
- Built and presented dashboards of clinical data and performance for quarterly reports using Tableau, increasing operational efficiency by 30%
- Facilitated implementation of individual behavior protocols that led to a 15% increase in targeted behaviors that directly led to improving each clients quality of life

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| Assistant Undergrad Researcher for Cancer Diagnostic Tool Development <i>Georgia State University</i> | Fall 2021 — Spring 2022 <i>Atlanta, GA</i> |
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- Spearheaded research and creation of python model to detect anomalies in spectral data of serum samples to identify reliable methods of cancer diagnosis
- Played an integral role in data collection, managing databases, cleaning, analysis in pandas, NumPy which directly lead to the aggregation of 15+ spectral signatures, increasing potential diagnostic proficiency by 13%.
- Consistently orchestrated collaboration with Biology and Neuroscience departments to induce bio-technical understanding and identify opportunities to increase efficiency of analytical models and propose solutions
- Developed & owned weekly and quarterly reports and presentations with up-to-date dashboards and visualizations made with tableau and matplotlib to articulate insights in both technical and nontechnical terms

EDUCATION

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| Bachelor of Science in Physics , <i>Georgia State University</i> <i>Google Data Analytics Certificate, Coursera</i> <i>Cloud Practitioner Certification, AWS</i> | Spring 2022 |
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PROJECTS

Concept Site for Clinic

- Conducted thorough consultations with the clinic's stakeholders to gather specific requirements, target audience demographics, and branding guidelines.
- Proficiently translated design mock-ups into functional code using React. Employed industry best practices to optimize page load times and enhance performance, resulting in a smooth and efficient user experience.

Prototype for Pre-AAC Device Learning Tool

- Created a specialized tool to facilitate the development of motor skill for the effective use of Augmentative and Alternative Communication (AAC) devices in autistic children
- Used a mobile first web design approach to build a developmentally appropriate interactive activity to prompt the user to interact with the interface and keep track of accuracy.

Exploratory Data Analysis on COVID data

- Conducted data cleaning and preprocessing tasks using SQL queries to handle missing values, eliminate duplicates, and address inconsistencies. Ensured the dataset was ready for meaningful analysis.
- Utilized SQL to generate meaningful visualizations, such as bar charts, line plots, and histograms, to present the analysis results in a clear and concise manner.
- Employed SQL queries to perform exploratory data analysis, including summary statistics, aggregations, and visualizations. Uncovered trends, patterns, and anomalies within the data to gain valuable insights into the underlying phenomena.