**Nicole Burns**

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**Education**

**Data Science Bootcamp** – Ongoing

*Triple Ten*

Completing Sprints in Statistical Data Analysis, Exploratory Data Analysis, Data Collection, and Machine Learning.

**Masters of Science in Data Analytics** – Graduated: May 2024

*Western Governor's University*

Completed courses in Predictive Modeling, Data Mining, Exploratory Analysis, Data Cleaning, Representation, and Reporting.

**Bachelors of Science in Accounting**– Graduated: May 2022

*Purdue University—Northwest*

Graduated with a 4.0 semester GPA and semester honors. Completed several Accounting and Finance courses like Financial Statement Analysis, Auditing, Tax Accounting, and Financial Management.

**Professional Experience**

**Java Development Training**  12/2024 to 2/2025

*Revature*

* Developed programming skills in Java, SQL, RESTful API Construction, and Spring Framework
* Implemented project work including the construction of functional REST APIs using Test Driven Development methodologies
* Developed database connectivity using JDBC; executed SQL queries and used PreparedStatements.
* Worked with Spring Data JPA for CRUD operations and query generation to interact with relational databases.
* Leverage Java APIs to write algorithms to solve various challenges and problem sets

**Market Research & Consumer Data Analytics AI Extern**  8/2024 to 10/2024

*Beats by Dre*

* Developed survey questions using LLMs, tailored to diverse demographic groups to optimize survey effectiveness.
* Leveraged LLMs and prompt engineering to conduct market research tasks, including identifying consumer trends, validating participant selection criteria, crafting personalized survey invitations, etc.
* Designed and deployed an interactive chatbot using ManyChat for survey distribution, significantly increasing respondent engagement and boosting the response rate.
* Developed a comprehensive data analysis strategy using LLM, analyzed qualitative and quantitative survey data, and generated reports that contributed to key business insights and recommendations.
* Developed proficiency in Python and various data science libraries (like Pandas and NumPy) to perform comprehensive sentiment analysis on consumer reviews.
* Designed and validated an AI-driven presentation plan, and created a polished presentation using Gamma.app and Google Slides, incorporating custom charts and visuals to effectively communicate data-driven insights to stakeholders.
* Built an interactive dashboard using Claude Sonnet, enabling dynamic data visualization and making complex insights accessible to stakeholders, which facilitated informed decision-making.

**Trading Trainee**  6/2024 to 8/2024

*City Investment Solutions*

* Learned and applied various trading strategies in real-time market conditions, including breakout strategies and trend analysis.
* Implemented risk management techniques to minimize potential losses and optimize trade execution. Maintained existing tools necessary to operate and properly manage risks.
* Executed trades across various financial instruments, ensuring compliance with trading rules and strategies.

**LLM Response Rater** 6/2024 to 7/2024

*CrowdGen*

* Assessed language model (LLM) responses for grammatical accuracy, relevance, and prompt adherence, ensuring high-quality user interactions.
* Evaluated responses for helpfulness and completeness, providing feedback to enhance model performance and user satisfaction.
* Contributed to refining language model output by identifying strengths and areas for improvement in response generation.

**Derivatives Trader**  3/2022 to 8/2023

*Self-Employed*

* Self-taught technical analysis to identify trends and determine when to enter and exit trades.
* Grew account by 25% in less than 2 months of trading by implementing strategic planning for trading approaches.
* Executed trades for stocks and options.
* Maintained existing tools necessary to operate and properly manage risks.
* Recorded and reviewed trades daily to determine where improvement was needed.

**Search Quality Analyst** –Remote 3/2020 to 4/2021

*Foundever, formerly known as Sykes Enterprises, Inc*

* Analyzed the relevancy and appropriateness of web pages based on specific company-provided guidelines.
* Reviewed search queries and web results to determine the most relevant matches.
* Documented and delivered necessary feedback while making sure to maintain 80% KPIs.

**Retail E-commerce Business Owner** 07/2017 to 01/2020

*Self-Employed*

* Tracked current and emerging fashion to identify trends.
* Developed relationships with clothing vendors.
* Designed and maintained product listings on the website, as well as other selling platforms.
* Created ads to drive traffic to the website.
* Maintained analytics to ensure product availability and accurate delivery times.

**SEASONAL WORK-FROM-HOME CSR**—Remote

*Amazon*  5/2017 to 7/2017

• Empathized and prioritized every customer's needs with respect and patience while showing ownership and upholding company policies.

• Consistently composed grammatically correct and accurate written responses to customer issues via email and online chat.

• Accustomed to using multiple browsers, multiple tabs, and instant messaging tools.

• Communicated clearly and concisely with both customers and team leads.

**Tool/Technology**

* SQL
* Python
* Java
* Spring Framework
* JDBC
* Tableau