

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 *Revature*

12/2024 to 2/2025

- 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 *Beats by Dre*

8/2024 to 10/2024

- 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 *City Investment Solutions*

6/2024 to 8/2024

- 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 <i>CrowdGen</i>	6/2024 to 7/2024
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- 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 <i>Self-Employed</i>	3/2022 to 8/2023
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- 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 <i>Foundever, formerly known as Sykes Enterprises, Inc</i>	3/2020 to 4/2021
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- 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 <i>Self-Employed</i>	07/2017 to 01/2020
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- 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 <i>AMAZON</i>	5/2017 to 7/2017
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- 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