

# Shane McBryde

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Analytical and adaptable professional with degrees in Computer Science and Data Analytics. Completed a U.S. Department of Labor–registered AI & Machine Learning Apprenticeship. Skilled in translating data into actionable insights using Python, SQL, and Tableau. Demonstrated analytical rigor, reproducibility, and stakeholder reporting across diverse projects in business and healthcare. Seeking opportunities to contribute as a Data Analyst, BI Analyst, or entry-level Data Scientist while deepening expertise in applied analytics and stakeholder communication.

PORTFOLIO: <https://github.com/shanemcbryde>

## EXPERIENCE

### INFORMATION TECHNOLOGY

- AI & Machine Learning Apprenticeship:** AI Academy – Raleigh, NC 2021 - 2022
- Chosen for a competitive U.S. Department of Labor–registered AI & Machine Learning apprenticeship program.
  - Focused on applied Python, data mining, and machine learning across business and healthcare domains
  - Selected by peers to lead weekly discussions and project collaboration for a team of 6-8 participants.

- Freelance Web Developer & Designer:** Freelance – Lansing, MI 2010 - 2011
- Developed a PHP/MySQL app to centralize and automate administrative tasks, boosting operational efficiency.
  - Designed and built intuitive web UI to enhance nonprofit volunteer recruitment and coordinate participation.
  - Created marketing materials and multimedia applications for clients, resulting in increased public engagement.
  - Implemented PayPal API to support secure e-commerce functionality and streamline payment processing.

### BUSINESS

- Auditor:** RGIS – Swartz Creek, MI 2012 - 2017
- Ensured data accuracy and integrity by conducting precise inventory audits for retail and warehouse clients.

- Entrepreneur:** In-Room Media – Metamora, MI 2005 - 2008
- Conducted comprehensive market research and analysis to develop pricing strategies and sales materials.
  - Secured and managed contracts with hotels and local businesses to grow an in-room advertising service.

- Loan Officer:** Great Lakes Mortgage – Grand Ledge, MI 2002 - 2004
- Drove client acquisition and managed lender negotiations, ranking in the top 10% in quarterly revenue.
  - Analyzed client financial data to determine loan eligibility, managing the process from consultation to closing.

### ADDITIONAL

- Caregiver:** 2017 - 2020 and 2023
- Full-time caregiver for my invalid mother until her passing, while completing my Computer Science degree.
  - Part-time caregiver for my father until his passing, while completing my Data Analytics degree.

## EDUCATION

- M.S. Data Analytics – Western Governors University – 2025
- B.S. Computer Science – Western Governors University – 2021
- A.A.S. Computer Network/Communication – Lansing Community College – 2002
- Artificial Intelligence Associate Certification – North Carolina State University – 2022
- Data Scientist Certification – North Carolina State University – 2022
- Python Foundations Certification – North Carolina State University – 2021
- CompTIA Project+ Certification – CompTIA – 2018