

Taylor Simms

Data Scientist, Certified in Advanced Machine Learning

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Experienced data scientist with over 8 years of expertise in predictive modeling and machine learning. Passionate about improving data-driven processes and achieving measurable business outcomes. Seeking to enhance operational efficiency at Innovex Data Solutions.

Experience

Data Scientist

FinCore Capital Advisors

2014-09 – 2021-05

- Designed and implemented machine learning models to optimize investment strategies, achieving a 22% increase in portfolio returns.
- Developed algorithms to analyze financial risk and forecast stock performance, outperforming benchmarks by 24%.
- Automated financial reporting pipelines, saving over 15 hours weekly in manual analysis.

Junior Data Scientist

GreenStreet Realty Analytics

2013-01 – 2014-08

- Analyzed CRM data to enhance customer engagement and retention in a high-volume real estate firm.
- Improved investor satisfaction rates by 20% through data-driven campaign optimization.
- Reduced data-processing times by 30% by introducing scalable ETL processes.

Freelance Data Scientist

Various Projects

2011-06 – 2013-01

- **LeaguePredictor:** Created a predictive model to forecast outcomes for college sports leagues, with a 75% accuracy rate.
 - **FantasyPlay Analyzer:** Built regression tools to improve fantasy football player rankings.
 - **OpenStats Contributor:** Regular contributor to an open-source machine learning repository.
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Education

BSc in Mathematics

Westfield University

2008 – 2012

- Focused on machine learning, linear algebra, and data modeling.
- Capstone project: Developed a predictive tool for restaurant customer churn, utilizing random forests and SVMs.
- President, University Coding Club.

Professional Certification in Data Analytics

Global Data Institute

- Completed 100 hours of coursework in data science fundamentals and visualization techniques.
 - Certified in advanced data wrangling and feature engineering.
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Additional Activities

- Published article "Emerging Trends in AI for 2030" featured in Tech Digest.
- Organizer of monthly hiking meetups for data professionals.
- Volunteer at Oak Ridge Community Center, providing coding workshops for underserved youth.