

Ryan Price

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EDUCATION

University of Texas at Dallas

Bachelor of Arts in Computer Science: GPA: 3.9

Harvard CS50

Introduction to Computer Science

Richardson, TX

August 2023 – Expected May 2026

Remote/Virtual

Aug. 2023

EXPERIENCE

Amazon Associate

June. 2023 – Dec 2023

Publisher

Remote

- Achieved a 20% increase in monthly revenue, as measured by affiliate sales, by publishing targeted content and optimizing SEO strategies.
- Enhanced website traffic by 15%, as evidenced by Google Analytics, by collaborating with other website owners for backlinks and cross-promotions.
- Demonstrated effective communication skills and attention to detail through content creation and editing.

Data Analyst/Engineer

Contracted Dec 2023

Dental Depot

Highland Village, TX

- Implemented streamlined data entry processes using Python, reducing data processing time by 50%.
- Improved marketing focus noticeably, as shown by targeted campaign results, by analyzing booking and relo data across 5 locations.
- Increased data handling efficiency by revamping documentation and storage protocols, resulting in a 30% reduction in data retrieval time.
- Showcased problem-solving abilities and collaboration skills by developing an enhanced data management system, working closely with senior leadership to ensure alignment with business goals.

PROJECTS

Portfolio Website | <https://my.portfolio.com> | *HTML, CSS, JavaScript*

- Developed a website using HTML, CSS, JavaScript to house my portfolio of projects, as well as build personal brand
- Applied creative thinking and self-motivation to design and implement the website.

Stock Market Price Predictor with LSTM | *Python, Tensorflow, Scikit*

- Improved investment decision-making by developing a stock market price prediction model with high accuracy using LSTM neural networks and historical data from Yahoo Finance.
- Utilized advanced Python libraries such as TensorFlow, Scikit-learn, and Pandas for efficient data processing, model training, and evaluation, showcasing strong proficiency in machine learning.
- Demonstrated technical skills by fetching, preprocessing, and analyzing four years of stock data, automating the data pipeline for continuous model improvement.
- Visualized prediction results through Matplotlib, providing clear insights into historical and predicted stock prices, aiding users in comprehending model outcomes effectively.

Formula 1 Race Outcome Predictor Model | *Python*

- Achieved over 90% accuracy, as validated by randomized historical data tests, by developing a machine learning model to predict Formula 1 race outcomes.
- Expertise shown in Python and libraries like Pandas and Scikit-Learn for data manipulation, statistical analysis, API utilization, and machine learning model building.
- Enhanced data processing capabilities, as demonstrated by model performance, by implementing Logistic Regression, data imputation, and scaling techniques.

TECHNICAL SKILLS

Languages: Python, C++, Java, C, HTML, CSS, Javascript

Developer Tools/Frameworks: Git, Github, VS Code, Visual Studio, Jupyter, AWS, Azure, Excel

Certifications: AWS Cloud Practitioner (CLF-C02), Microsoft Azure Fundamentals (AZ-900)

Courses: Object Oriented Programming, Data Structures and Algorithms, Programming in UNIX