

# Ryan Price

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## EDUCATION

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### 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

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### Amazon Associate

June. 2023 – Dec 2023

*Blog Website*

*Remote*

- Achieved a 20 percent increase in monthly revenue, as measured by affiliate sales, by publishing targeted content and optimizing SEO strategies.
- Enhanced website traffic by 15 percent, 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 Analysis/Engineering

Contracted Dec 2023

*Dental Depot*

*Highland Village, TX*

- Implemented a streamlined data entry processes and effectively cut time needed for data processing in half by leveraging my knowledge of Python and statistics.
- Improved marketing focus noticeably, as shown by targeted campaign results, by analyzing booking and relo data across 5 locations.
- Increased data handling efficiency, as measured by reduced errors and faster data retrieval, by revamping the documentation and storage protocols.
- Showcased problem-solving abilities and collaboration skills by working with leaders to deliver an enhanced data management system.

## PROJECTS

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### Portfolio Website | *HTML, CSS, JavaScript*

- Developed a website using HTML, CSS, JavaScript to house my portfolio of projects, as well as build my personal brand
- Further developed my skills in common Web Development languages
- Applied creative thinking and self-motivation to design and implement the website.

### Slot Machine Game | *Python*

- Developed a Slot Machine Game showcasing my skills in Python, as well as creativity in game development
- Created a bug-free game that runs under all use cases, all the time
- Exercised critical thinking and attention to detail in developing game features and troubleshooting issues.
- Furthered skills in Python Mathematical computing skills, as well as created a fun game in the process

### Formula 1 Race Outcome Predictor Model | *Python*

- Achieved over 90 percent 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, and machine learning model building.
- Enhanced data processing capabilities, as demonstrated by model performance, by implementing Logistic Regression, data imputation, and scaling techniques.
- Ensured data accuracy and relevance, as indicated by integration tests, by sourcing and consolidating data from multiple APIs.
- Leveraged analytical skills and perseverance to optimize model performance and accuracy.

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, JavaScript, Java, HTML, CSS

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

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

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