Trent Rivers

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Summary

Computer Science student (GPA 3.9), graduating Dec. 2025, with 3 years of biotechnology operations experience improving efficiency and supporting technical projects. Skilled in C++, Scala, and Python for data science and software development, with hands-on experience in AI/ML using libraries such as Scikit-learn, PyTorch, and TensorFlow. Certified Associate in Project Management, with a track record of delivering results in cross-functional environments.

Education

University of Colorado Boulder, *BS – Computer Science*, GPA: 3.9 — Dec. 2025

University of Texas at Austin, *BS – Film* — Dec. 2017

Skills & Certifications

Certified Associate in Project Management, *Project Management Institute* — Dec 2023

Technology: C/C++, Python, Scala, Git, SQL, HTML, TensorFlow, PyTorch, SciKit-Learn, Pandas, Jupyter Notebooks, Matplotlib, Seaborn

Skills: Collaboration, Software Development, Version Control, Data Science, Information Visualization, Artificial Intelligence, Machine Learning, Natural Language Processing, Data Mining, Project Management, Written and Verbal Communication

Experience

National Student Data Corps – Nationwide Initiative Fostering Data Science Education — Remote
Data Science Volunteer — Aug. 2025 – Present

- Analyzed 2M+ traffic collision records using Python and Jupyter Notebooks to provide actionable insights for the U.S. Department of Transportation
- Applied the full data science process, including data cleaning, exploratory data analysis, hypothesis testing, and visualization, to uncover meaningful insights and guide decision-making

DataAnnotation – Online AI Data Labelling Platform — Remote
Data Quality Contractor — May 2024 – Present

- Worked with NLP and code-generation models by labeling and testing AI-generated outputs
- Contributed to model reinforcement learning improvements through high-quality annotations and feedback

Zimmer Biomet – #3 Global Orthopedic Medical Technology Manufacturer — Houston, TX
Inventory Data Analyst — July 2020 – Sept 2023

- Helped drive improvements in the South Texas territory's Operations performance rank from #43 in 2020 to #12 in 2022 by focusing efforts on Key Performance Indicators
- Used Excel to monitor and track Operations performance, and coordinated with leadership to create KPI improvement plans
- Investigated and reconciled variances in $445M of inventory, leading to a 50% improvement in Inventory Accuracy metrics and millions of dollars in returned stock by analyzing data in ERP software
- Drafted daily operations reports for four offices, boosting South Texas to become a national leader in handling loaned inventory and maintaining inventory health
- Collaborated with U.S. operations teams to supply urgently needed implants for Winter busy-season surgeries, earning the January 2023 Employee of the Month award
- Performed quarterly cycle counts and coordinated with sales and operations personnel to return expired and faulty inventory to maintain compliance with FDA and ISO standards