

# Cristian Distefano

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## Education

### University of Connecticut

Storrs, CT

Bachelor of Science in Computer Science

May 2027

Bachelor of Science in Statistical Data Science

May 2027

- Current GPA: 3.9/4.0; 3x College of Engineering Dean's List; Honors Program
- Relevant Coursework: Data Structures and Obj-Oriented Design, Systems Programming, Algorithms & Complexity, Discrete Systems, Computer Architecture, Multivariable Calculus, Applied Linear Algebra, Statistical Methods

## Skills

**Languages:** SQL, R, C, Python (NumPy, SciPy, Pandas, Matplotlib, Folium, Seaborn, Plotly Dash, Scikit-Learn)

**Tools:** Jupyter Notebook, Minitab, VS Code, Microsoft Office (Excel, Word, PowerPoint)

## Certifications

### IBM Data Science — Coursera

January 2025

- Completed 12 courses covering data science fundamentals, including data analysis, visualization, and machine learning.
- Gained proficiency in Python, SQL, and data manipulation libraries such as Pandas and NumPy.
- Applied machine learning algorithms with Scikit-learn and developed models for predictive analysis.
- Created data visualizations using Matplotlib and Seaborn, and built a portfolio of real-world data science projects.

## Work Experience

### American Pool

Summer 2024

Lifeguard

Rocky Hill, CT

- Ensured safety and enforced regulations for 200+ daily visitors, demonstrating strong attention to detail and risk management.
- Responded to emergencies with quick, effective problem-solving and maintained a 100% safety record.
- Collaborated with a team to manage operations and events, honing teamwork, communication, and leadership skills.

### Powder Ridge Mountain Park & Resort

Winter 2021-2022

Ski Instructor

Middlefield, CT

- Provided skiing instruction to individuals and groups of various skill levels.
- Ensured the safety and enjoyment of guests while on the slopes.
- Contributed to the resort's reputation for exceptional customer service and quality instruction.

## Leadership/Extracurricular

### Student Council Member — Cromwell High School, Cromwell, CT

2021-2023

- Elected as a representative and actively participated in organizing school events.
- Collaborated with peers to improve the student experience.

### Varsity Soccer and Tennis Player — Cromwell High School, Cromwell, CT

2019-2023

- Demonstrated leadership as a team leader and mentor for both soccer and tennis teams.
- Exhibited dedication and discipline through rigorous training sessions, contributing to the overall skill development and success of the teams.

### Club Swim Team — Middlesex Aquatics Club, Middletown, CT

2019-2022

- Developed strong communication skills through interactions with coaches, teammates, and parents, enhancing overall team dynamics.
- Gained valuable life skills, including resilience, dedication, and the ability to thrive in a competitive and demanding environment.

## Volunteer Experience

### Catechism Teacher — St. John Church, Cromwell, CT

Fall 2021-2023

- Volunteered as a catechism teacher, instructing children in religious education.
- Developed effective communication and teaching skills.

### River Cleanup Volunteer — Connecticut River Conservancy, Hartford, CT

Summer 2022-2023

- Participated in river cleanup events, helping to maintain local ecosystems.
- Worked collaboratively with a team to achieve cleanup goals.