

# Riley Pierson

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## EDUCATION

Siena University, Loudonville, NY, Fall 2022 - May 2026

Bachelor of Science in Computer Science with a Software Development Track

Bachelor of Science in Applied Data Science; Mathematics Minor

Overall Current Major GPAs: 3.96 and 3.93

## RELEVANT COURSEWORK

Advanced Programming; Data Structures; Calculus I, II, and III; Database Management Systems; Design and Analysis of Algorithms; Advanced Cybersecurity; Mathematical Statistics; Probability for Statistics; Discrete Structures; Linear Algebra

## TECHNICAL AND PROFESSIONAL SKILLS

Technical Proficiency: Bubble.io; Java; SQL; Data Analytics

Familiar With: Python; Deluge; GitHub; Computer Maintenance; Slack; Discord

Soft Skills: Problem Solving; Interpersonal Communication; Research; Organization; Time Management

## WORK EXPERIENCE

IT Intern, PlugPV, April 2025 - Present

- Developing full-stack aspects for a solar application to be used by in-service and in-pipeline clients.
- Constructed and executed a series of tests for multiple applications, improving functionality and app presentation.
- Organized documentation for API integrations pertaining to solar, weather, and transportation data sources.
- Queried and visualized data using SQL-based tools to support strategic and informed decisions by the CEO.

Research Intern at University of Colorado Colorado Springs, June 2024 - August 2024

- Automated bug report prioritization in large open-source projects using BERT and a variety of text classification techniques.
- Researched state-of-the-art approaches in Natural Language Processing.
- Interacted in a small, synergistic team of dedicated students on related aspects of bug report automation.

Research Assistant, Intelligent Retrieval, August 2023 - December 2023

- Assembled data pertaining to SUNY schools reviews in a group setting through Microsoft's Excel platform.
- Incorporated ChatGPT to investigate common characteristics related to State University of New York system's schools.
- Visualized data and researched commonalities between State University of New York system's schools.