

OBJECTIVE

Seeking a computer science internship in artificial intelligence, data science, and applied statistics.

Available September 2025 - December 2026

EDUCATION

Bachelor of Science in Computer Science

Expected Graduation: May 2026

- Minor in Applied Statistics, Artificial Intelligence cluster

RELEVANT WORK EXPERIENCE

Software Engineering Intern, MicroEra Power

January 2025–August 2025

- Led and developed a full-stack web application with Flask and React to monitor and control thermal-energy-storage systems, integrating Raspberry Pi hardware and real-time sensor/actuator data.
- Designed and maintained a real-time testing GUI that visualized and logged sensor streams.
- Member of the data and modeling team that assisted with data engineering tasks.
- As the lead software engineer at this startup, I was often given the task to explain the software concepts and architectural design to other interns and higher-ups, including the CEO.

Statistics Assistant, RIT Men's Basketball

July 2024–September 2024

- Developed post-season reports of player tendencies based on prior-season statistics.
- Communicated defensive strategies that opponents would use by analyzing player strengths and weaknesses.

PROJECTS

Liberty League Basketball Data Analytics Project

Personal

- Built a data pipeline to scrape and transform play-by-play data for all Division I, II, and III basketball games. Storing datasets in MySQL for fast queries.
- Described data definitions through documentation, improving data domain understanding for non-technical stakeholders.
- Created interactive Tableau dashboards and concise scouting reports that highlighted efficiency trends, shot selection, and matchup insights for coaches.

Statistical Analysis of Relational Database for Books

Academic

- Led data cleaning, insertion, and analysis of a relational database using Python (Pandas) and SQL.
- Managed data pipelines with Java and SQL connectors to efficiently handle large datasets.
- Executed SQL queries for data extraction and conducted statistical analysis of user book preferences.
- Presented findings using clear Excel visuals to non-technical stakeholders.

SKILLS

Programming Languages: Python, SQL, Java, JavaScript/TypeScript (React+Vite)

Frameworks & Tools: Flask, Docker, GitHub, Tableau, Pandas, Matplotlib, Excel, JMP

Relevant Courses: Linear Regression Analysis, Machine Learning, Linear Algebra, Big Data

CLUBS & EXTRACURRICULARS

Founder & President of Basketball Analytics Club at RIT

- Established and led RIT's first Basketball Analytics Club, giving more than 40 students the opportunity to apply data analysis to real basketball scenarios.
- Supports RIT Basketball while helping members build professional portfolios.

RIT Men's Basketball Player: Freshman - Sophomore year