

Arica Miller

Saratoga Springs, NY • (518)-879-1974 • Arica-Miller@outlook.com • arica-miller.com

Education

SUNY Polytechnic Institute

Master of Science in Data Science and Analytics

Utica, NY

Anticipated May 2025

University at Albany SUNY

Bachelor of Science in Computer Science & Applied Mathematics; concentration in Data Analytics

Cumulative GPA 3.72/4.0

Albany, NY

May 2023

Certificates: Codepath Intermediate Cybersecurity Course

Relevant Coursework

Computer Science: Data Structures, System Fundamentals, Database Systems, Cybersecurity, Artificial Intelligence, Discrete Mathematics, Data Mining, Game Design & Development

Skills

Programming Languages: (Proficient) Java, Python, R, C (Familiar) C++, C#, SQL, MatLab

IDEs: Eclipse, IntelliJ, PyCharm, RStudio, Visual Studio Code, Google Colab

Mathematics: High Level Probability and Statistics, Calculus, Algebra, Discrete

Foreign Language: Basic Spanish

Other Skills: Logic, Critical Thinking, Inquisitiveness, Complex Problem Solving

Projects

- Created data visualizations for NHL statistics in a Jupyter notebook utilizing the NHL API
- Capstone Project: Create a new and improved UI for a gamified educational android app
- Creation of a text based sliding puzzle game in C using a multidimensional array

Work Experience

New York State Information Technology Services

September 2022 - Present

Information Technology Specialist II Programming, Albany, NY

August 2023 - Present

Update legacy applications using Java, Springboot, C#, and .Net

Student Assistant, Albany, NY

September 2022 - August 2023

Update legacy applications using Java and Springboot

Barnes and Noble College - Bookseller, Albany, NY

January 2022 - May 2023

Unboxing, keeping inventory of, shelving, and selling textbooks and other goods

SEFCU A Division of Broadview - Teller, Wilton, NY

May 2022 - August 2022

Help people manage their finances through handling money and processing transactions