Arica Miller

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Education

SUNY Polytechnic Institute Utica, NY

Master of Science in Data Science and Analytics Anticipated May 2025

University at Albany SUNY Albany, NY

Bachelor of Science in Computer Science & Applied Mathematics; concentration in Data Analytics May 2023
Cumulative GPA 3.72/4.0

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, C (Familiar) C++, C#, R, SQL, MatLab
IDEs: Eclipse, IntelliJ, PyCharm, RStudio, Visual Studio Code
Mathematics: High Level Probability and Statistics, Calculus, Algebra, Discrete
Foreign Language: Basic Spanish
Other Skills: Logic, Critical Thinking, Inquisitiveness, Complex Problem Solving

Projects

- Creation of a text based sliding puzzle game in C using a multidimensional array
- Capstone Project: Create a new and improved UI for a gamified educational android app
- Creation of a Minecraft mod utilizing Java, JSON, and GitHub

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 and Springboot

    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