

# Arica Miller

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## Education

University at Albany, State University of New York

Bachelor of Science, GPA 3.76/4.0

Anticipated Degree May 2023

**Majors:** • Computer Science & Applied Mathematics with a concentration in Data Analytics  
• Mathematics

**Minors:** • Informatics

**Honors:** Dean's List for Distinguished Students, Presidential Scholarship

**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, (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

**NYS ITS - Student Assistant**

Albany, NY September 2022 - Present

Update legacy websites using Java, Springboot, and Hibernate

**Barnes and Noble College - Bookseller**

Albany, NY January 2022 - Present

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

## Volunteering

**Babysitting**

Various Locations 2015 - Present

Care for children of ages 0 to 10 for family and friends