

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, 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

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