

Nicolas Cyran

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EDUCATION

University at Albany

- Cumulative GPA: 3.74
- *Declared Major*: Computer Science
- *Honors*: Dean's List (Fall 2022 - Fall 2023)
- Extracurriculars: ARTC (Fall 2022 - Current)

Albany, NY
Expected May 2026

Hendrick Hudson High school

- Cumulative GPA: 3.9
- *Honors*: Tri-M Music Honor Society; Italian Honor Society
- *Extracurriculars*: Indoor Track and Field (2019); Jazz band (2019)

Montrose, NY
June 2022

Relevant Coursework

Software Engineering
Data Structures
Computer Architecture
Database Systems

Skills

Java; C; HTML;
JavaScript; React;
CSS; AWK; Unix
Nodejs; Tailwind; git

PROJECTS

Portfolio Website

Spring 2024

- Developed a dynamic portfolio website using React, Node.js, and JavaScript to exhibit computer science projects in an interactive appealing manner.
- Applied CSS for a modern design and responsiveness across various devices.
- Integrated Three.js for 3D graphics, demonstrating proficiency in advanced web technologies.

AWK to Java Interpreter

Fall 2023

- Utilized lexical analysis to tokenize AWK code into meaningful components
- Developed a parser to generate an abstract syntax tree (AST) from parsed AWK code
- Translated the AST nodes into the equivalent Java code
- Ensured compatibility with AWK language features and Java syntax
- Integrated error handling mechanisms for efficient debugging

Calculator Application

Fall 2023

- Designed and implemented a JavaFX calculator application with responsive UI for basic arithmetic operations.
- Organized code using object-oriented principles for modularity and maintainability.

EXPERIENCE

LEADERSHIP

Peer-Mentor, United Sound

Fall 2021 - Summer 2022

- Educated students with learning disabilities in music
- Adapted teaching strategies to the needs of the student, encouraging growth

Boy Scout, Troop 36 Montrose NY

Spring 2016 - Summer 2022

- Supervised 6-10 people each meeting, providing diligent oversight and support as needed.
- Contributed to the planning and direction of future meetings and events

VOLUNTEER WORK

The RED Bookshelf, Albany NY

Summer 2022

- Collaborated with a team of 8 people employing creative problem-solving techniques while restoring and preserving books.
- Devised innovative ways to overcome the lack of usable materials, while maintaining dedication to the quality of the product