

Jarod Rowland

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Objective

To obtain a co-op position in software development/computer science. Available Spring & Summer 2023

Education

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | ROCHESTER INSTITUTE OF TECHNOLOGY

- Expected Graduation: May 2025
- GPA: 3.2
- Minor: Web Development

Relevant coursework:

- | | |
|---------------------------------|---------------------------|
| ○ Intro to Software Engineering | ○ Analysis of Algorithms |
| ○ Principles of Data Management | ○ Computer Science Theory |
| ○ Mechanics of Programming | ○ Computer Science 1 & 2 |

Technical Skills

- **Programming Languages:** Java, Python, C, SQL, HTML
- **Software:** Windows/MacOS, PyCharm/IntelliJ, VS Code, GitHub, MS Office
- **Miscellaneous:** Photoshop, Graphic Design, 3D Design, Writing/Editing, Computer Troubleshooting

Projects

BREADTH FIRST SEARCH PUZZLE SOLVER – ACADEMIC

- Implemented a generic Java-based puzzle solver following the breadth-first-search traversal algorithm
- Used model-view-controller (MVC) design pattern to implement a visual user interface (JavaFX) for player input in solving a puzzle, using the BFS algorithm to provide hints and next moves

MUSIC DATABASE MANAGEMENT SYSTEM – ACADEMIC

- Collaborated in a team to implement a basic Spotify database system with a plain-text UI
- Integrated a music dataset and created statistical user data using Java and SQL

Experience

ARTESANO BAKERY & CAFÉ STAFF | | AUGUST 2022 – PRESENT

- Prepared food & beverage orders, maintaining a high standard of service during fast-paced operations
- Maintained a clean and safe working environment

COVID-19 SANITIZER | TROY BOILER WORKS | JUNE – AUGUST 2020

- Oversaw COVID-19 protocols and produced statistical illness spreadsheets for the company
- Digitized and reconciled paper records into an online format
- Oversaw inspection and sanitization of high-risk areas in office and workshop locations

Honors and Awards

- Presidential Scholarship – RIT, 2020 – Present
- Dean's List – Fall 2020 Semester

Extracurricular Activities

- Co-founder and president of the D&D club – Clayton A Bouton High School
- Track and Cross-Country teams – Clayton A Bouton High School