# Darren Bonjour

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## Education

**Rutgers University** New Brunswick, NJ

Bachelor of Arts in Computer Science, **GPA: 3.3/4.0** *Sept. 2021 – May 2025*

- **Accomplishments:** Dean's List for Fall Semester 2021 and Spring Semester 2022
- **Relevant Coursework:** Calculus 2, Data Structures and Algorithms, Discrete Structures 1 & 2, Introduction to Linear Algebra, Computer Architecture

## Technical Skills

**Programming Languages**

Java, Python, JavaScript, HTML/CSS, C

**Frameworks**

React, Node.js, JUnit

**Developer Tools**

Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

## Experience

**Sales Associate** January 2020 – December 2020

CVS Health *Glen Rock, NJ*

- Resolved 30+ customer inquiries per shift, enhancing customer satisfaction through effective communication and problem-solving.
- Accurately processed 200+ transactions daily, ensuring meticulous attention to detail in financial handling and record-keeping.
- Collaborated with team members to exceed sales targets by 10%, contributing to an efficient store environment through proactive participation and communication.
- Utilized technical tools for inventory management and sales tracking, gaining proficiency in retail software systems.

**IT Help Desk Support** September 2021 – May 2022

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- Provided exemplary customer service on the phone or in person, handling technical issues effectively.
- Demonstrated excellent troubleshooting and analytical skills to solve issues quickly in a fast-paced environment.
- Explained complex concepts in both written and verbal communication effectively.
- Acquired basic knowledge of software such as Microsoft Office, various web browsers, and the Adobe suite, along with major operating systems such as Windows and Mac OS X.

## Projects

**Computer Science Course Prerequisite Mapper** | *Java* September 2023

- Developed a comprehensive tool to navigate and manage the complex prerequisite structure of the Rutgers Computer Science program's course offerings, utilizing Directed Acyclic Graphs (DAG) to represent course relationships.
- Engineered an efficient graph-based solution to model the intricate web of course prerequisites and co-requisites, ensuring accurate representation of both direct and indirect course dependencies.
- Designed an intuitive interface to visualize course dependencies, facilitating easy identification of available courses based on completed prerequisites.

**Hunger Games Simulation** | *Java* October 2023

- Implemented a simulation using Binary Search Trees to manage participant data, enhancing data management efficiency and supporting dynamic interactions within the game.
- Designed district nodes within BSTs, leveraging IDs for streamlined data insertion and retrieval, enhancing management efficiency.
- Executed key BST operations, including insertion, deletion, search, and traversal, to simulate dynamic district and participant interactions.

**Music Playlist** | *Java* December 2023

- Created a streaming application similar to Spotify, using Circular Linked Lists for efficient playlist management, demonstrating skills in advanced data structures and OOP.
- Engineered the core functionality using Circular Linked Lists to manage dynamic playlists, enabling continuous play with efficient memory usage.

## Leadership & Special Activities

**Rutgers Esports Captain - Call of Duty** Sept. 2022 – Present

Rutgers University *New Brunswick, NJ*

- Managed the team's social media presence, engaging with the community and promoting team events.
- Created professional-grade graphics (GFX) for team announcements, match schedules, and promotional materials.
- Coordinated and scheduled all team matches, ensuring timely participation in tournaments and scrimmages.