

## EDUCATION

---

- **Rutgers University-New Brunswick** New Brunswick, NJ  
*Bachelor of Science in Computer Science; Minor in Human Resource Management* September 2020 – May 2024
- **Relevant Courses**  
*Object-Oriented Programming, Databases, Data Management, Systems Programming, Computer Architecture, Computer Algorithms, Introduction to Artificial Intelligence*

## EXPERIENCE

---

- **Instructional Lab Assistant** New Brunswick, NJ  
*Rutgers University-New Brunswick* September 2023 - Present
  - Orchestrated the maintenance and optimization of a cluster of **30** remotely accessible Linux machines, ensuring seamless performance and reliability used by **thousands** of students
  - Assumed a supervisory role overseeing day-to-day operations to uphold an environment conducive to research and academic pursuits for students and researchers.
  - Provided comprehensive tutoring services to fellow students requiring assistance in diverse computer science subjects, demonstrating a commitment to fostering academic excellence and collaborative learning, helping **200+** students a month.
- **Computer Science Tutoring Manager** New Brunswick, NJ  
*Rutgers University-New Brunswick* September 2023 - Present
  - Appointed first tutoring manager of the program to oversee over 20 computing peer tutors; provided mentorship to tutors and led hiring processes for new tutors.
  - Conducted weekly office hours for Introduction to Computer Science and Data Structures, providing comprehensive assistance to over **100** students per month.
  - Collaborated with Instructors and Teaching Assistants to guide students in advancing their knowledge and understanding of the course material by explaining data structure concepts and coding logic.

## PROJECTS

---

- **NewLeaf**  
*Tools Used: Flask, Auth0, Google API, HTML/CSS/JS, CV, Bootstrap*
  - Created a web app centered around helping students maximize productivity by reducing the amount of time needed to plan schedules and seamlessly saving information on to their Google account
  - Led the development of a platform that utilizes PyPDF2 to scan pdfs and summarize their content using **Gemini API** and saves on to a users Google Doc using an **Auth0 token** to make API calls
  - Utilizes Gemini AI to parse through user inputs to plan an optimal schedule that saves onto a users Google Calendar profile to make scheduling more efficient
- **Resume Reviser**  
*Tools Used: Flask, SQLite3, Python, HTML/CSS/JS, Bootstrap*
  - Used PyPDF2 to scan resumes, take in job listing entries, and analyze the similarity between the entries using the **NLP** concept of **cosine similarity** to return a percentage match.
  - Used database to store users' previous resume submissions, job listing, and percent match to enable users to improve their resume based on the results while providing suggestions.
- **Society Of Woman Engineers Meeting Tracker**  
*Tools Used: MongoDB, React, Express, HTML/CSS/JS, TailwindCSS*
  - Collaborated with the Society of Women Engineers to create a user-friendly meeting sign-up page with a personalized user and admin dashboard for tracking attendance for at least **100** members.
  - Created an admin page to create meeting sessions implemented with search features, live updates on current meeting attendance, and maintaining attendance of club members on **MongoDB**.
  - Embedded Google Calendar, Instagram, and Twitter pages on the user side that enable users to stay up to date with club events and announcements made through those social media pages.

## SKILLS

---

- **Languages:** Java, Javascript, Python, C, SQL, HTML/CSS, FXML, PHP
- **Technologies:** React, Flask, GitHub, MongoDB, SQL, JavaFX, JSP, Bootstrap
- **Extracurriculars:** Attended 15+ hackathons, USACS Technical Mentor