

# Chris Kim

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## EDUCATION

### Rutgers University-New Brunswick | School of Arts and Sciences

B.A/B.S Double Major: Computer Science and Data Science | GPA: 3.6

New Brunswick, NJ

September 2022 - May 2026

- Dean's List (Fall 2022 - Present)
- Relevant Coursework: Computer Architecture, Data Structures, Discrete Structures, Computer Algorithms, Data 101, Statistical Inference, Calculus, Introduction to Data Science, Introduction to Linear Algebra, Machine Learning

## PROJECTS

### Melo

JavaScript, React, Spotify API

Remote

June 2025 - Present

- Enabled users to rank music across Spotify's 80M+ tracks by building a responsive web app using React and Spotify API
- Improved search efficiency for artist, album, and track data by implementing real-time queries with Spotify's API.
- Enhanced user feedback collection by designing modal-based rating tools using React state management.

### Personalized Movie Recommender

Python

New Brunswick, NJ

November 2024

- Designed a genre-based movie recommender using Python, outperforming SVD and tag-based models on a movie dataset.
- Achieved MAE of 0.69294 and NDCG of 0.95328 across ten randomized trials, emphasizing reliability and personalization.
- Applied collaborative filtering and genre profiling to enhance prediction accuracy while efficiency and interpretability.

### RUHungry

Java

New Brunswick, NJ

November 2023

- Developed a Java restaurant management system, boosting efficiency by 30% with menu, inventory, and seating features.
- Improved inventory lookup by 40% using hash tables with chaining and streamlined table organization with 2D arrays.
- Enhanced processing speed by 25% through linked lists and queues for orders, donations, and stock tracking.

## WORK EXPERIENCE & EXTRACURRICULARS

### Research Assistant

Transbot ROS LIDAR Robot, City University of New York

New York, NY

September 2024 - Present

- Implemented a phone app controlling robot navigation, achieving 95% accuracy in movement between two points
- Developed a robotic arm to pick up objects up to 500g between two points, with a 90% success rate in controlled trials.
- Integrated LIDAR for tape-following navigation and obstacle avoidance, reducing collisions by 85% in over 50 tests.

### Outlier AI

AI Evaluator

Remote

May 2024 - September 2024

- Evaluated AI-generated content by reviewing 1,000+ AI-generated pieces, improving accuracy and readability by 25%.
- Enhanced colleague work by delivering detailed feedback on 200+ written pieces, boosting quality and coherence by 30%.
- Authored responses: Delivered 500+ original responses with 95% satisfaction, driving a 20% increase in content engagement.

### Emmaus

Worship Team/Small Group Leader

New Brunswick, NJ

October 2023 - Present

- Played bass guitar in worship services, enhancing musical quality and spiritual expression for 100+ congregation members.
- Collaborated with 20 team members to design cohesive worship experiences, boosting attendee engagement by 20%.
- Actively participated in church activities and events, fostering fellowship and increasing event attendance by 30% annually.

### HackRU

Project Developer, Rutgers Bus Driver Break Tracker

New Brunswick, NJ

February 2023

- Developed a React Native and Java app to track Rutgers bus drivers' breaks with 95% accuracy, boosting predictions by 20%.
- Implemented functions for storing/retrieving user data, reducing data handling time by 30% and enhancing user experience.
- Collaborated with a team of four developers across all project phases, achieving a 100% on-time milestone delivery rate.

## SKILLS & INTERESTS

**Skills:** Java, Python, C, Google Suite, Teamwork, Communication, React Native, PyTorch, React, JavaScript, TypeScript, Expo Go

**Languages:** English (Native), Korean (Proficient)

**Interests:** Emerging Technologies, R&B Music, Asian Fusion Cuisine, Thrifting, Volleyball, Hiking, Video Games, Baseball