

# Pooja Panchal

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## EDUCATION

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### Rutgers University – New Brunswick

August 2019-May 2023

- Bachelor of Science in Computer Science
- Cumulative GPA: 3.7

#### *Relevant Courses:*

- Data Structures; Software Methodology; Design/Analysis of Algorithms; Systems Programming; Principles of Info. and Data Management; Internet Technology; Principles of Programming Languages

## PROJECTS

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### Treadmill Jams - Spotify Playlist Generator

July 2023-present

- Developed a React web app with a partner, allowing users to create personalized Spotify playlists based on treadmill speed and workout duration, leveraging the Spotify API for dynamic playlist generation.
- Integrated OAuth authentication for seamless Spotify account connection and user registration and authentication, with secure MySQL database storage.
- Designed intuitive, cross-device user interface using Styled Components and CSS to enhance user experience.

### Mock eBay Website

April 2022-May 2022

- Collaborated with 3 classmates to implement a mock eBay website that creates and deletes users, admins, and customer representatives.
- Utilized HTML and JavaScript to code website functionality and connect locally to a database with MySQL.
- Allows user to post auctions, bid on items, and post questions for customer representatives to answer, as well as allow admins to view sales reports on total earnings.

### Pizza Maker Android Application

November 2021

- Utilized Java programming language and object-oriented programming to create an android application that mimics a pizzeria.
- Collaborated with a partner to learn XML and implement the functionality to customize pizzas, calculate total costs, and place orders to display in the store orders section.

## WORK & LEADERSHIP EXPERIENCE

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### Rutgers Computer Science Department, Remote

Sept 2022-May 2023

#### *Advancing Women in Computer Science Tutor*

- Provided targeted guidance to first-year CS students in virtual tutoring sessions for Intro to CS and Data Structures.

### Rutgers Panhellenic Council, New Brunswick NJ

Sept 2022-Feb 2023

#### *Recruitment Counselor*

- Guided 20+ potential new members through formal recruitment and offered support during one-on-one situations.
- Participated in training sessions focused on counseling, communication skills, and recruitment rules.

### Lakeview Day Camp, East Brunswick NJ

June 2022-Aug 2022

#### *Counselor*

- Co-supervised a group of 12 campers acting as a role model in all areas of camp activities while guiding them in personal growth and sportsmanship.
- Ensured that the safety, welfare, and happiness of children was always maintained.

### Kumon, North Brunswick NJ

Oct 2016-Aug 2019

#### *Tutor*

- Liaised between students and instructors to identify challenges and determine areas of academic focus.
- Assisted with basic data entry and reception work.

## SKILLS

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- **Programming languages:** Java, JavaScript, C, Python, HTML, SQL, Haskell
- **Development Tools & Technologies:** React, Spotify API, Styled Components, OAuth, Eclipse, Visual Studio, IntelliJ, GitHub, Sublime, VirtualBox, MySQL