

Rashmee Gade

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EDUCATION

Rutgers University-New Brunswick

New Brunswick, NJ

B.S. in Electrical and Computer Engineering; Minor in Computer Science

Expected May 2026

SKILLS

Programming & Tools: JavaScript, Python, MATLAB, HTML, SQL, CSS, Node.js, Express.js, TinkerCAD

Technical Skills: Web Development, Embedded Systems, Circuit Design, REST APIs, Terminal/CLI

Soft Skills: Leadership, Customer Service, Adaptability, Time Management, Detail-oriented, Teamwork

PROJECTS

ClassCheck - Geolocation-Based Attendance Tracking System Application | Rutgers University *Spring 2025*

- Developed a full-stack mobile-friendly web application that enables professors to track student attendance using GPS-based verification.
- Collaborated in a team of five to define functional requirements, set development milestones, and present a project proposal.
- Built the backend with Node.js and SQL, while using HTML, CSS, and JavaScript to create a user-friendly frontend interface.

Hardware-Integrated Traffic Light Circuit Design | Rutgers University

Fall 2023

- Designed and built a logic gate-based circuit using breadboards and ICs to control a real traffic light system
- Integrated sequential logic to manage the timing and transitions of green, yellow, and red lights
- Tested and refined the circuit hands-on to ensure accurate real-time operation and compliance with traffic control standards

WORK EXPERIENCE

Customer Service Associate | Walgreens

November 2020 - Present

- Delivered exceptional service to 100+ customers daily, contributing to consistently high customer satisfaction scores and repeat business.
- Accurately processed 1,500+ transactions per month using point-of-sale systems, while maintaining minimal errors and high cash handling accuracy.
- Diagnosed and resolved technical issues with store systems and point-of-sale equipment, minimizing downtime and improving operational efficiency.

Tae Kwon Do Instructor | H.S. Lee's Karate School

July 2019 - Present

- Instructed and mentored 50+ students per week, including children and adults, in Tae Kwon Do techniques, forms, discipline, and self-defense.
- Coordinated testing and certification logistics, helping 30+ students annually earn new belt levels in accordance with national standards.

COURSEWORK

Introduction to Computer Systems

- Developed a strong foundation in computer system organization, memory management, and low-level programming.
- Analyzed how high-level code translates to machine-level execution, with emphasis on C programming, data representation, and assembly-level concepts critical to embedded and performance-aware software development.