

Pratham Chauhan

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Objective

Motivated computer science student with hands-on experience as a Grader and Building Operational Manager at Rutgers University. Skilled in programming (Python, Java, C++), problem set creation, and technical troubleshooting. Seeking an internship in software development, systems engineering, or related computer science domains, applying academic knowledge and practical experience while contributing to impactful projects and advancing technical expertise.

Education

Rutgers University - New Brunswick, NJ

Expected Graduation: May 2026

Bachelor of Science, Computer Science

Middlesex College - Edison, NJ

Jan 2023 - June 2024

Associate of Science, Computer Science

- Member of Phi Theta Kappa (PTK) Honor Society
 - Dean's List: All Semester
 - Member of Computer Science Club
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Experience

Building Operational Manager – Rutgers University

April 2025-Present

- Supervise operations of a 61,000 sq. ft. facility serving 9,000+ daily visitors, ensuring consistent uptime of infrastructure and equipment.
- Troubleshoot hardware, software, and network issues across 30+ public-use machines to maintain optimal performance.
- Configure and maintain A/V systems for campus events, supporting visitors with both onsite and phone-based technical inquiries.
- Coordinate with 100+ student organizations and administrative departments to deliver seamless campus operations and engagement programs.

Grader – Rutgers University, Department of Computer Science

Sep 2025 – Present

- Create problem sets and solutions for Design and Analysis of Computer Algorithms (CS 344).
 - Grade assignments and exams for 200+ students, ensuring consistency and fairness through standardized rubrics.
 - Provide constructive feedback to support student learning and improve understanding of algorithmic concept
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Projects

[SmartPantry](#) – Personalized Recipe Generator (HackRU 25)

Feb 2025

Hackathon Participant

- Developed a full-stack web application suggesting recipes based on available ingredients and dietary preferences
 - Integrated barcode scanning API and implemented object recognition algorithms for automated pantry inventory
 - Built responsive frontend using HTML, CSS, and JavaScript with a Node.js backend and MongoDB database
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Technical Skills

- Programming Languages: Java, C, C++, Python
 - Web Development: HTML, JavaScript, CSS, Node.js
 - Developer Tools: Git, VS Code, Eclipse
 - Databases: MongoDB, MySQL
 - Software: Microsoft Office Suite, Adobe Creative Cloud
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Soft Skills

- Team Collaboration: Led cross-functional teams in hackathons and club projects.
- Communication: Effectively present technical concepts to both technical and non-technical audiences.
- Problem-Solving: Apply analytical thinking to develop innovative solutions to complex challenges.
- Time Management: Successfully balance academic responsibilities while meeting project deadlines.