

# Nancy Megali

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Edison, NJ, 08817

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## SUMMARY

Computer Science student specializing in software engineering and full-stack web development with hands-on experience in React, Flutter, JavaScript, and SQL. Skilled in building scalable applications, designing responsive frontends, and integrating REST APIs. Proven ability to collaborate on cross-functional teams and deliver user-focused solutions. Seeking opportunities as a Software Engineer or Frontend/Web Application Developer to apply technical expertise and contribute to impactful projects.

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## SKILLS

**Programming Languages:** Java, Python, JavaScript, SQL, C++

**Framework & Libraries:** Flutter, React, Node.js, Express.js

**Tools & Platforms:** Docker, GitHub, REST APIs, MySQL Workbench

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## EXPERIENCE

**Rutgers University, Center for Advanced Energy Systems (CAES)**

**02/2025 - Present**

### ***Web Application Developer***

- Collaborate with a team of developers to design, build, and maintain a full stack web application for the Center for Advanced Energy Systems to support research funding initiatives.
- Created responsive frontend interfaces with React and Flutter, improving accessibility across desktop and mobile platforms.
- Built and integrated RESTful APIs to connect with MySQL databases, enhancing application performance and reliability.
- Partnered with graduate researchers to translate requirements into technical features, delivering user-focused tools that support research funding initiatives.
- Collaborated using GitHub and Docker to manage version control and containerized deployments.

**Nancy Tutors**

**09/2022 - Present**

### ***Private Tutor***

- Facilitated one-on-one tutoring sessions focusing on academic subject areas.
- Mentored students in problem-solving and critical thinking, strengthening collaboration and communication skills.

**Oceanport Pharmacy**

**02/2022 - Present**

### ***Lead Pharmacy Technician***

- Calculated dosage, filled prescriptions, and prepared prescription labels with absolute accuracy.
- Answered incoming phone calls and addressed questions from customers and healthcare providers.
- Stocked, labeled, and inventoried medication to keep accurate records.
- Enhanced pharmacy workflow by assisting pharmacists with medication dispensing, labeling, and packaging.

**Kumon Math & Reading Centre**

**05/2019 - 03/2020**

### ***Tutor***

- Facilitated small group and one-on-one tutoring sessions focusing on academic subject areas.
  - Created tailored lesson plans and study guides to teach and assist students in area of study.
  - Tutored diverse groups of students to strengthen subject comprehension, boost confidence and build important learning skills.
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## EDUCATION

**Rutgers University**

Bachelor of Science, Computer Science - Expected in Dec 2025

**Relevant Coursework:** Data Structures, Algorithms, Software Methodology, Internet Technology, Programming Languages, Computer Architecture