

Nicole Spaulding

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❖ Software Developer looking for internships in back-end or full-stack programming ❖

Technical Skills: C, C++, Python, Java, C#, JavaScript, HTML/CSS, PHP, Swift, React Native, R, Github, Procreate, Paint Tool Sai, MS Office, Swift, Arduino, Unity, Blender

Soft Skills: Public Speaking, Collaboration, Communication, Adaptability, Time Management, Conflict Resolution

EDUCATION

RENSSELAER POLYTECHNIC INSTITUTE (RPI)

Bachelor of Computer Science

Troy, NY

Expected May 2027

Cumulative GPA: 3.7/4.0

Relevant Coursework: Introduction to Algorithms, Intro to Artificial Intelligence, Principles of Software, Intro to Information

Technology Web Science, Foundations of Computer Science, Computer Organization, Data Structures, Linear Algebra,

Multivariable Calculus and Matrix Algebra, Physics 1, Physics 2, Intro to Biology, Intro to Biology Computational Lab

Awards: Dean's Honors List (Fall 2023 - Spring 2025), Harry Roy Presentation Award, RPI Medal

Current Coursework: Machine Learning From Data, Programming Languages, Web Systems, Intro to Game Programming I, Music and Technology I

STANFORD UNIVERSITY

Summer Session

Cumulative GPA: 4.0/4.0

Completed Coursework:

Programming Abstractions (5 credits)

Summer 2022

Data abstraction, modularity, OOP, stacks, queues, sets, recursion, linked lists, trees, graphs, time/space complexity analysis, C++ (brief introduction to parallel programming concepts)

Client-side Internet Technologies (3 credits)

Summer 2021

HTML, Cascading Style sheets, Javascript, AJAX, (brief introduction to jQuery, React, Angular, and Node.js)

EXPERIENCE

SOAPBOX HOSTING LLC

Remote - Summer 2025

Software Engineering Intern

Designed and implemented backend of new user permissions system, making use of prisma for backend changes. Focus on writing efficient code with minimal repeat database queries and function calls and using maintainable coding practices.

STUDENT-ATHLETE CS MENTOR

RPI - Fall 2024 - Spring 2025

Computer Science Mentor

Helped mentees stay on track throughout the semester with scheduled check-ins and definition of long term, achievable goals.

CUTTING EDGE SOFTBALL

San Jose, CA — Summer 2022 - Summer 2024

Pitching and Hitting Instructor

Introducing kids aged 8-14 as well as local recreational teams to softball and improving their pitching and hitting technique through 1-day clinics in addition to week-long camps.

PROJECTS

CENTTRACK

November 2023

Designed and implemented an educational Financial Tracker/Budgeting application using React Native with a 4 person team RPI's 24+ hackathon (awarded Best App Development prize)

AccessACity

November 2024

Designed and implemented an application to connect users with accessible events across 5 cities using React Native with a 4 person team RPI's 24+ hackathon (awarded Ship Fast, Ship Often prize)

ACTIVITIES

NCAA DIII RPI COLLEGIATE SOFTBALL

Fall 2023 - Present

❖ Volunteering Opportunities ❖

SPECIAL OLYMPICS NY: Softball Fall Classic (2023, 2024, 2025)

Helped welcome athletes and staff games for the fall Special Olympics Tournament at McBride Fields, NY

SPECIAL OLYMPICS NY: Basketball Skills Competition (Spring 2024)

Helped welcome, encourage, and support athletes for the Special Olympics skills competition hosted at RPI.