

Lily Yang

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EDUCATION

Rutgers, The State University of New Jersey

New Brunswick, NJ

Bachelor in Computer Science and Information Technology and Informatics

Expected May 2026

- Honors Program, GPA: 3.377
- Relevant Coursework: Object-Oriented Programming, Data 101 (R), Algorithms, IT Fundamentals, Principles of Data and Information Management, Human-Centered Design, Social Informatics, Discrete Math, Software Methodology, Introduction to Data Science, Web Design

EXPERIENCE

Nero Studios LLC

July 2022 – August 2024

Freelance/Contract Web Development Services

- Designed, developed, and maintained responsive websites and web applications for clients, ensuring optimal performance and user experience.
- Collaborated with a team to gather requirements, create project plans, and deliver customized solutions tailored to their business needs.
- Developed web-design processes and HTML, JavaScript, and CSS skills

PROJECTS

Alzheimer's Recognition App

October 2024

- Built an app to assist Alzheimer's patients in recognizing and remembering loved ones, using Python-based facial recognition algorithms for accurate identification.
- Worked in a team to designed and developed the app from the ground up, incorporating a user-friendly interface and efficient processing pipelines.

Personal Website | Figma, JavaScript, Typescript, Next.js

June 2024 – Present

- Developed and designed a fully responsive website from scratch, using Next.js for server-side rendering and optimized performance.
- Implemented adaptive screen layouts, ensuring seamless user experience across various device sizes and resolutions.
- Utilized Figma for wireframing and prototyping, translating designs into clean, maintainable code.

Task Manager Application | Python, Flask, HTML, CSS

November 2024

- Developed a web-based task management system with Flask, enabling users to manage tasks through an interactive interface.
- Designed a simple yet functional front-end to display tasks and allow user interaction through form submissions.
- Implemented file-based storage for task persistence, ensuring data retention across sessions.
- Utilized Flask's routing and request handling to create a responsive and user-friendly interface.

EXTRACURRICULAR ACTIVITIES

Rutgers University Pickleball Club Outreach Director

August 2024 – Present

Rutgers University, New Brunswick, NJ

- Managed social media accounts, leading to a 30% increase in club membership.
- Designed original digital content using Adobe Suite, boosting online engagement.
- Coordinated fundraising initiatives and led outreach efforts, developing leadership and communication skills.

Rutgers University Fencing Club Competitive Member

September 2023 – Present

Rutgers University, New Brunswick, NJ

- Trained in strategic thinking and discipline while participating in competitive intercollegiate tournaments.

SKILLS

Languages: Python, Java, C, SQL (Postgres), R, JavaScript, Typescript, HTML, CSS

Frameworks/Tools: React, Next.js, UML Diagrams, VS Code, Git/GitHub, Figma, Blender, Microsoft Office

Other: Adobe Suite, Da Vinci Resolve, Procreate, Mandarin