

Yimin (Coco) Liu

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EDUCATION

- **New York University** New York, NY
Bachelor of Art in Mathematics and Computer Science *September 2023 – May 2027*
 - **Relevant Coursework:** Software Engineering, Applied Internet Technology, Data Structures, Computer System Organization, Basic Algorithms, Discrete Math, Linear Algebra, Calculus III

SKILLS

- **Programming Languages:** Java, JavaScript, Python, C, SQL
- **Frameworks/Library:** React.js, React Native, Node.js, Express.js, Tailwind CSS, MySQL, Handlebars, JSON
- **Software/Tools:** Git, GitHub, VSCode, LaTeX, Microsoft Office (Word, PowerPoint, Excel)
- **Spoken Languages:** English (Bilingual), Mandarin Chinese (Bilingual)

EXPERIENCE

- **Miraphoto** Remote
Full Stack Software Engineer Intern *July 2025 - Present*
 - Developed the core UI of a freelance photography marketplace app using React Native and Expo from zero, closely following Figma designs and collaborating with designers to deliver a polished mobile experience
 - Implemented a timezone-aware booking features that display photographers' availability from both recurring and specific schedules, using date-fns for accurate date handling and conversion, reducing scheduling conflicts by 20%
 - Built JWT-based authentication with role-based verification and password recovery, enabling secure user login
- **Bumpups** Remote
Frontend Software Engineer Intern *January 2025 - April 2025*
 - Implemented a responsive Career page in React, building key components including a photo collage, rotating job carousel, and interview information grid; dynamically integrating backend APIs to display live hiring data
 - Built modular Blog pages in React using MDX, supporting rich media including YouTube video embeds and reusable article card components, improving content delivery and readability across devices
- **Quilly** Remote
Software Engineer Intern *October 2024 - February 2025*
 - Prototyped front-end features for a college social media app, using React Native and Draftbit to build core modules including onboarding surveys, calendar, and like/comment functionality based on Figma designs
 - Built backend APIs with Express.js and MongoDB for real-time chat, handling message storage and retrieval
 - Contribute to UC Berkeley beta launch with 200+ active users, building and refining features from user feedback

PROJECTS AND RESEARCH

- **Well-Done – Task Management Web App** New York, NY
Developer *April 2024 - Present*
 - Developed the client-side interface in React, styled with Tailwind CSS and Shadcn/ui; implemented a responsive UI with task creation, category filtering, and Kanban board for managing “To-Do,” “In Progress,” and “Done” tasks
 - Built the server-side logic with Express.js and MongoDB, exposing RESTful APIs. Implemented authentication using Passport.js, supporting email/password and Google OAuth with session-based route protection
 - Wrote unit and integration tests using Jest to ensure reliability across core components and API routes
- **Research on LLM Performance in Solving NACLO Problems** Remote
Researcher *September 2024 - March 2025*
 - Structured NACLO linguistic problems into standardized JSON datasets to simulate language reasoning tasks for LLMs; tasks covered multilingual alignment, syntax parsing, and logical inference in complex language scenarios
 - Designed prompts and executed reasoning tasks via GPT-4 and LLaMA APIs; evaluated model outputs using statistical analysis and visualized results to summarize performance trends and areas for improvement