

Junhong 'Jun' Liao

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EDUCATION & SKILLS

Columbia University

New York, NY

Bachelor's Degree, Computer Science

Expected May 2025

Backend: Python, Java, C, Scala, x86 Assembly (Basic), Spring Boot, FastAPI, SQL, MongoDB, InfluxDB, Uvicorn

Frontend: JavaScript, React.js, Next.js, HTML, CSS, Tailwind CSS

Data Analysis: Grafana, Jupyter, Anaconda, DataGrip, Studio3T

Developer & Build Tools: GCP, AWS, Firebase, Git, Docker, Linux, Bash/Zsh, Maven, MySQL, PostgreSQL, Postman

Collaboration Tools: Agile, Jira/Confluence, Lucidchart, Documentation (APIs)

PROFESSIONAL EXPERIENCE

Art Club (www.getartclub.com)

New York, NY

Technical Co-Founder, Engineering/Product focused

June 2024 - Present

- Spearheaded both front and backend development, set up cloud-hosting on Google Cloud (GCP) with Firebase integration
- Secured a partnership agreement with UAL (#2 art school in the world) to use our app to host students' creative portfolios
- Conducted user interviews with UAL directors in order to scope our MVP with features mapped to targeted pain points
- Led weekly meetings with Co-founder and four-member team, covering team updates, features, strategy, and timelines
- Developed a marketing website to accelerate interest and gather data on user preferences by running A/B tests targeting early adopters to gauge interest in a variety of potential features

Ultimate Software (UKG Inc.)

Miami, FL

Software Engineer Intern

January 2023 - August 2023

- Led design and implementation of a scalable (Java, Maven, Spring Boot) application to track MongoDB performance for my team's query microservices. Built a data pipeline to create a custom metrics dashboard using Grafana and InfluxDB
- Leveraged data and trends from custom metrics dashboard to identify performance bottlenecks and optimize query efficiency with new MongoDB indexes, achieving a ~82% decrease in inefficient queries within the span of 3 weeks
- Built, tested, and shipped a new API endpoint for the next generation of my team's flagship app (TMS-3), introducing search, update, and delete functionality for customer data, projected to streamline operations for 40+ internal dev teams. Worked directly with engineering and product leads to craft comprehensive documentation for TMS-3

J.P. Morgan Chase & Co.

New York, NY

Investment Banking Summer Analyst

June 2021 - August 2021

- Devised, crafted, and presented a \$250M strategic leveraged-financing deal for a \$3.2B-dollar-client to senior bankers
- Built financial models to assess the feasibility of syndicated and leveraged financing for a diverse range of large-cap clients
- Created and presented regular reports on the state of the public debt/equity capital markets

LEADERSHIP

Management Leadership for Tomorrow (MLT)

New York, NY

CodePath Technical Fellow | MLT Career Prep Fellow '25

December 2022 - Present

- Selected to join an 18-month professional technical development program for underrepresented students in tech
- Built and improved technical skills through technical preparation and mock interviews with industry volunteers
- Completed an 3-month joint technical training program through CodePath.org as a CodePath Fellow (Spring '23)

Hocus Focus

New York, NY

Founder

September 2023 - December 2023

- Built and published a Chrome extension for people living with ADHD in order to create a more accessible web experience
- Organized a 2023 study, found 68% (38/50) of volunteers identifying with ADHD reported a "Moderate" to "Significant" improvement to their ability to sustain focus after 30 min. while reading web articles with our software enabled

Bain Capital Ventures

New York, NY

Columbia in Tech Fellowship

February 2022 - October 2022

- Worked directly with a venture partner to strategically build and grow Columbia's largest tech-focused alumni community
- Drove a 2x increase in our membership over 8mo. by spearheading our community newsletter (1k+ monthly readers)

Columbia Application Development Initiative (ADI)

New York, NY

Board Member

September 2021 - September 2022

- Planned and oversaw weekly coding bootcamps and community-based events held on campus/virtually
- Co-managed a mentorship program of 50+ students and coordinated with 10+ guest speakers throughout the year