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   *June 2024 - Present*

- Developed a marketing website to run A/B tests targeting early adopters to gauge interest in various features to scope MVP
- Spearheaded front and backend development, set up cloud-hosting on Google Cloud (GCP) with Firebase integration
- Led weekly meetings with Co-founder and four-member team, covering team updates, features, strategy, and timelines
- Conducted 20+ user interviews to scope MVP requirements with features mapped to real and targeted pain points

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