

Junhong 'Jun' Liao

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EDUCATION & SKILLS

Columbia University

Bachelor's Degree, Computer Science

New York, NY

Expected May 2025

Programming Languages: Python, Java, JavaScript, HTML, CSS, C, Scala, SQL, x86 Assembly (Basic)

Programming Frameworks & Libraries: Spring Boot, OpenAI, Anthropic, React, Node.js, FastAPI, Micrometer, Mockito, JUnit

Developer Tools: GCP, AWS, Docker, Git, Linux, Bash/Zsh, Vim, VSCode, IntelliJ, MongoDB, MySQL, Uvicorn, Maven, InfluxDB

Data Analysis & Collaboration Tools: Jira/Confluence, Grafana, Jupyter, DataGrip, Anaconda, Lucidchart, Studio3T, Postman

Addtl. Skills: Agile Methodologies, Technical Writing (APIs), Public Speaking, Financial Modeling, Corporate Accounting

PROFESSIONAL EXPERIENCE

ArtClub

Technical Co-Founder (Engineering, Product)

New York, NY

July 2024 - Present

- Developed a marketing website to run A/B tests targeting early adopters to gauge interest in various features to scope MVP
- Spearheaded backend development (Python, FastAPI, Starlette) and cloud hosting (GCP). Built three microservices, including authorization (Google SSO), database operations (MySQL), and leveraged LLM (OpenAI, Claude) APIs for a dynamic UI/UX
- Lead weekly meetings with co-founder and 4 team members, covering 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.)

Software Engineer Intern, Tenancy Team

Miami, FL

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 with my engineering manager and product lead to create comprehensive documentation for TMS-3

J.P. Morgan

Investment Banking Summer Analyst

New York, NY

June 2021 - August 2021

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

LEADERSHIP

Management Leadership for Tomorrow (MLT)

CodePath Technical Fellow | MLT Career Prep Fellow '25

New York, NY

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 Spring '23 CodePath Fellow

Hocus Focus

Founder

New York, NY

September 2023 - December 2023

- Built and published a Chrome extension for people living with ADHD in order to create a more accessible web experience
- 68% (38/50) of volunteer participants identifying with ADHD surveyed in a 2023 study reported "Moderate" to "Significant" improvements to their ability to stay focused while using the Hocus Focus extension

Bain Capital Ventures

Columbia in Tech Fellowship

New York, NY

February 2022 - October 2022

- Worked directly with a venture partner to strategically build and grow Columbia's biggest tech-focused alumni community
- Helped drive a 100%+ increase in membership in 8mo by spearheading our newsletter initiative with 1,000+ readers

Columbia Application Development Initiative (ADI)

Board Member

New York, NY

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 conducted outreach/coordinated with 10+ guest speakers