

Junhong “Jun” Liao

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EDUCATION & TECHNICAL SKILLS

Columbia University

New York, NY

Bachelor's Degree, Computer Science, Cumulative Undergraduate GPA: 3.72

Expected May 2025

Programming Experience: Java, Python, JavaScript (HTML, CSS), Scala, C

Frameworks & Libraries: Spring/Spring Boot, Mockito, JUnit, Micrometer

Tools & Technologies: Git, MongoDB/Studio3T, InfluxDB/Grafana, Docker, Maven, Postman, IntelliJ/VSCode/Vim, Jira

Addtl. Skills: Financial Accounting, Excel/PPT, Financial Modeling, Presentation, Market Research

PROFESSIONAL EXPERIENCE

Ultimate Software (UKG)

Miami, FL

Software Engineer Intern

January 2023 – August 2023

- Led design and implementation of a software solution leveraging Java, Spring, and Micrometer to track MongoDB query performance across my team's software. Successfully identified bottlenecks and optimized query efficiency with new indexes, achieving an ~82% overall decrease in inefficient queries (>100ms) over 3 weeks in our core app
- Built, tested, and shipped a new API endpoint for our flagship app's next version, introducing search, update, and delete functionality for customer data. The endpoint is projected to streamline operations for 40+ internal dev teams
- Improved precision of HTTP return codes within our core app's gateway microservice, resulting in a ~60% drop in engineering support tickets linked to vague error responses, saving the team 2-3 hours p/ week
- Worked closely with my engineering manager/product team on the design and rollout of comprehensive API documentation for the forthcoming iteration of our customer registry internal developer tool

TPG Capital

New York, NY

Summer Investment Analyst

June 2022 – September 2022

- Developed a thesis and created underwriting discussion materials for a \$320M commercial real estate investment opportunity before presenting my recommendation to firm partners during a mock investment committee meeting
- Employed discounted cash flow and comparable property/transaction analysis in conjunction with market research to evaluate the quality of potential commercial real estate investments
- Assisted four firm partners and the CEO in preparing to speak during the firm's quarterly earnings call

Bain Capital Ventures

New York, NY

Part-Time Community Intern

February 2022 – October 2022

- Worked directly with a venture partner to strategically build an NYC-based professional tech community, doubling the size of the Columbia in tech community over the course of a year
- Planned speaker panels, alumni office hours, and in-person events for college students, alumni, and tech professionals

JPMorgan Chase & Co

New York, NY

Investment Banking Summer Analyst

June 2021 – August 2021

- Devised and presented a public debt financing recommendation 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 and modified financial models to assess profitability and credit impact of syndicated and leveraged financing

LEADERSHIP & PROFESSIONAL DEVELOPMENT

CodePath | Management Leadership for Tomorrow

New York, NY

Career Prep Fellow

December 2021 – Present

- Selected to join an 18-month professional technical development program for underrepresented students in tech
- Attended seminars and conferences hosted by industry leaders, such as Google, Meta, Netflix, and Jane Street

Columbia Application Development Initiative (ADI)

New York, NY

Board Member

September 2021 – Present

- Planned and oversaw weekly coding bootcamps and community-based events held on campus/virtually
- Helped manage a mentorship program of 50+ students and invited 10+ guest speakers to connect with our members