

# 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