Junhong "Jun" Liao

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EDUCATION & TECHNICAL SKILLS

Columbia University   New York, NY
Bachelor's Degree, Computer Science, Cumulative Undergraduate GPA: 3.73   *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*
- Spearheaded the design and implementation of a software solution leveraging Java, Maven, Spring, and Micrometer to track MongoDB query performance in our core application's microservices. Successfully optimized query efficiency with new indexes, resulting in a ~82% decrease in inefficient queries (>100ms) over 3 weeks
- Implemented a new API endpoint for the next generation of our flagship application in Java, enabling add, retrieve, update, and delete operations for customer data, including administrative privileges and access to services/extensions
- Enhanced precision of HTTP return codes in the gateway microservice of our core application, resulting in a ~60% reduction in engineering support tickets related to ambiguous gateway messages, saving the team 2-3 hours per week
- Worked closely with engineering managers/product on the design and development of comprehensive API documentation for the forthcoming iteration of our customer registry 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