

# Junhong “Jun” Liao

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## EDUCATION & TECHNICAL SKILLS

### Columbia University

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

New York, NY

Expected May 2025

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

**Frameworks & Libraries:** Node.js, FastAPI, Pandas, Spring, Spring Boot, Mockito, JUnit, Micrometer

**Developer Tools:** Git, Docker, MongoDB, InfluxDB, MySQL, DataGrip, Maven, Postman, Webpack, IntelliJ, VSCode, Vim

**Data Visualization & Collaboration Tools:** Lucidchart, Jira, Anaconda, Jupyter, Studio3T, Grafana

**Additional Skills:** Corporate Accounting, Financial Modeling, Public Speaking, Presentation, Advanced Excel/PPT

## PROFESSIONAL EXPERIENCE

### Hocus Focus

New York, NY

Founder

September 2023 - Present

- Built a Chrome extension with Node.js, HTML, and Webpack to provide an accessible web experience for people with ADHD
- Conducted 20+ user interviews and performed weekly outreach, and routinely iterated core product in two-week sprints
- Marketed product on LinkedIn, TikTok, and Reddit, and successfully published my extension to the Chrome Web Store

### 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, and built a custom metrics dashboard using Grafana and InfluxDB
- Leveraged insights from my metrics dashboard to identify bottlenecks and optimize query efficiency with new MongoDB 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 the next generation of my team's flagship app, introducing search, update, and delete functionality for customer data, 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 per week

### Bain Capital Ventures

New York, NY

Part-Time Community Development

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 over 1k readers
- Planned speaker panels, office hours, and social events for 570+ Columbia students and alumni in the tech space

### TPG Capital

New York, NY

Summer Investment Analyst

June 2022 - September 2022

- Led a cross-functional project for our executive team across four internal divisions to create a report with critical updates on our largest investments, competitive landscape, and quarterly key success metrics
- Investigated market trends and conducted financial analysis to create a thesis and strategic discussion materials for a potential \$320M investment. Successfully presented and defended my recommendation to firm partners

### J.P. Morgan

New York, NY

Investment Banking Summer Analyst

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 & EXTRACURRICULAR DEVELOPMENT

### 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 conducted outreach/coordinated with 10+ guest speakers

### CodePath | Management Leadership for Tomorrow

New York, NY

Career Prep Fellow

December 2021 - Present

- Earned selection to an 18-month professional technical development program
- Attended seminars and conferences hosted by tech industry leaders including Google, Netflix, and Meta