

# Yuanyuan Li

FULL STACK ENGINEER | DATA ENGINEER | ENGINEER MANAGER

## CONTACT

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## EDUCATION

### Cornell University

Master's Degree  
Information Science

### University of International Business and Economics

Bachelor's Degree  
Electronic-Commerce

## TECHNICAL SKILLS

- Programming: Python, SQL, Java, Javascript/Typescripts
- Web Development: React, Vue, Angular, NodeJs, NextJs, RESTful and GraphQL, PostgreSQL, Cypress, Jest, Webpack/Yarn
- Cloud Platforms: AWS (Lambda, Step Function, Athena, S3, Glue, S3, QuickSight, SQS)
- DevOps: CI/CD, CDK/Terraform, SLA enforcement

## STRATEGIC SKILLS

- End-to-end product delivery and ownership
- UX sensitivity & customer-centric thinking
- Rapid prototyping and iterations
- Cross-functional collaboration (Design, PM, QA, Analytics, etc.)
- Coaching engineers across the stack

## WORK EXPERIENCE

### VP, Software Engineer Manager @ Two Sigma Jul 2018 - Present

- Built a high-performing Data Engineering team from the ground up, growing from 0 to 4 engineers while establishing a strong team culture centered on ownership, collaboration, and impact.
- Partnered closely with Product and Quant teams to deliver revenue-generating data products, including API platforms (Factor, Integration, Analytics), client-facing UI features, and a scalable onboarding framework tailored for private clients.
- Drove cross-functional alignment across Sales, Marketing, Legal, Client Solutions, Design, and Product teams to deliver new features, and served as the primary point of contact for external data vendors on integrations and incident resolution.
- Designed and implemented team operations routines including Agile sprint cadences, goal setting (OKRs), roadmap planning, milestone tracking, and incident review practices.
- Scaled the ETL platform on AWS (Glue, Step Functions, Lambda, S3), improving data processing reliability and SLA compliance.
- Provided technical leadership and mentorship to the team in building full-stack features across the React/TypeScript frontend and Java/Python backend, deployed on AWS with EKS. Oversaw design decisions, conducted code reviews, and ensured engineering best practices.
- Drove hiring, onboarding, and career development processes, resulting in four internal promotions and high engagement in growth conversations.

### Frontend Engineer @ Jet.com (Walmart) Jan 2017 - Jul 2018

- Led a five-person engineering team in rebuilding the order history experience using React and Redux. Owned sprint planning, scope definition, and process improvements to optimize Agile workflows.
- Designed and implemented a modular analytics tracking library, enabling analysts to easily capture and analyze customer behavior across the frontend.
- Collaborated cross-functionally with product managers, designers, marketing analysts, and backend/API engineers to ship customer-facing features with a focus on performance and usability.
- Led a cross-functional team to win first place at Jet's internal hackathon (Jet Innovation Time); the winning idea was adopted and developed into a new product line.

### Web Developer @ Supplyhouse.com Aug 2016 - Jan 2017

- Developed and maintained fully responsive, user-friendly e-commerce web pages using Java, JavaScript, HTML5, CSS3, jQuery, and Bootstrap.
- Collaborated with design and backend teams to optimize site performance, enhance cross-browser compatibility, and improve the overall user shopping experience.

### Project Assistant (internship), @ PwC Mar 2015 - Jun 2015

- Supported the finance system migration project by coordinating across clients, product managers, and engineering teams. Ensured alignment between technical specifications and client objectives.

### IT Consulting Assistant (internship), @ SAP May 2014 - Oct 2014

- Worked alongside global IT architects to develop and refine over 20 SAP ERP reports, enhancing visibility into business operations