

Yuyao Wang

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SKILLS

Technical: Bloomberg Terminal, Excel (Advanced Formulas, Pivot Tables), SQL, Python, Tableau, Power BI, Jira, Confluence, HubSpot (CRM), TypeScript, JavaScript (React, Node.js), Privy, WalletConnect v2, On-chain Governance Systems, Figma

Domain: Institutional BD & partnership development, digital asset markets, DeFi protocols, L1/L2 infrastructure, stablecoin issuance & custody, financial risk analytics, capital markets

Languages: English (GRE: Verbal:164, Quantitative 170, Analytical Writing 4.0), Mandarin, Spanish

EDUCATION

NYU Tandon School of Engineering

New York, NY

M.S. in Industrial Engineering (GPA: 3.7/4.0)

Sep 2024 – May 2026

- **Relevant Course:** Data Visualization for Business Intelligence; FinTech: Blockchain & Crypto; Lean Manufacturing; Data Analytics For Process Improvement; Project Planning and Control; Supply Chain Engineering.

Trinity College

Hartford, CT

B.S. in Mathematics

Sep 2020 – May 2024

- **Relevant Course:** Macro Economic; Micro Economics; Partial Differential Equations; Numerical Analysis; Probability & Statistics.
- **Leadership:** Captain of the Trinity College Equestrian Team; ranked No.1 (out of 20) in the IHSA Hunter Seat competition.

WORK EXPERIENCE

NYU Blockchain Lab

New York, NY

President

December 2025 – Present

Vice President

September 2025 – December 2025

- **Institutional Network Development:** Built and managed a BD pipeline targeting institutional digital asset firms: cold-outreached 20+ organizations, ran qualifying conversations to assess partnership fit, and closed 5 institutional partnerships with Grayscale, Galaxy Digital, Solana, BNB Chain, and OKX — managing each relationship from initial outreach through signed agreement and ongoing engagement.
- **Institutional Speaker Series & Market Access:** Sourced and hosted senior leaders from asset managers, research desks, and digital asset custodians; prepared pre-meeting briefing materials and ran agenda alignment — creating direct access to institutional decision-makers across the digital asset ecosystem for NYU's 900+ member network.
- **Ecosystem Operations & Talent Pipeline:** Directed a 150+ attendee conference and led a Builder Camp producing 5 production-ready projects; managing cross-functional coordination across sponsors, speakers, and teams to position NYU as a talent pipeline into Web3 and institutional crypto firms.

Sprout.xyz

New York, NY

Full Stack Intern

December 2025 – Present

- **Digital Asset Infrastructure Fluency:** Engineered the core Web3 authentication and wallet infrastructure layer integrating Privy and WalletConnect v2; built API endpoints managing wallet mapping, user eligibility, and on/off-ramp flows.
- **Financial-Grade Systems & Data Integrity:** Refactored data pipeline architecture for low-latency, high-consistency delivery in financial-grade interactions; implemented secure OAuth session management across mobile environments, maintaining the data integrity standards expected in regulated financial infrastructure.

Lightspeed Studio

Los Angeles, CA

Project Management Intern

June 2025 – August 2025

- **Multi-Stakeholder Delivery & Operational Coordination:** Managed cross-functional delivery across Art, Engineering, and Product teams under a structured 4-stage framework; maintained real-time schedule visibility in Jira, drove weekly risk reviews tracking capacity and dependency exposure, and improved sprint velocity 20% and forecast accuracy studio-wide.

Surge Energy America

Houston, TX

Risk Control Analyst

October 2023 – September 2024

Risk Advisory Intern

May 2023 – September 2023

- **Institutional Stakeholder Communication & Deal Support:** Prepared and delivered 5 data-driven risk recommendations to C-level executives and cross-functional leadership on regulatory exposure, lease breaches, and commodity market risk — increasing financial forecast reliability 10% and directly informing capital allocation decisions.
- **Quantitative Market & Risk Analytics:** Analyzed 500,000+ data rows using SQL, Bloomberg Terminal, and RiskPoint to reduce penalty fees 18% and stabilize revenue volatility from $\pm 10\%$ to $\pm 5\%$; built real-time Excel and SharePoint dashboards integrating market and regulatory signals, increasing team efficiency 25%.
- **Geospatial & Portfolio Analysis:** Utilized ArcGIS to map and maintain 500+ lease rights, 300+ mineral rights, and 15+ well locations; performed 50+ property risk evaluations supporting portfolio management and institutional client reporting across diverse asset classes.