

# Yan (Yves) Yang

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## EDUCATION

### University of Chicago

Master of Science in Computer Science, GPA: 3.88/4.00

Chicago, IL

December 2023

### Wake Forest University

Master of Science in Accounting Analytics (Graduated with Distinction), GPA: 3.88/4.00

Winston-Salem, NC

December 2020

### Central University of Finance and Economics

Bachelor of Management (Graduated with Distinction), GPA: 87.59/100

Beijing, China

May 2019

## PROFESSIONAL EXPERIENCE

### Fenghe Smart Robotics

Product Manager Intern

Xi'an, China

March 2022 - August 2022, June 2023 - Present

- Conceptualized and executed a roadmap and product development plan for an innovative fruit harvesting robot, addressing the market gap in mechanized fruit picking, and championing a solution that is both environmentally conscious and resource-efficient.
- Orchestrated daily collaborations with a technical team of 8 engineers and designers, ensuring the seamless integration of hardware and software components.
- Facilitated iterative testing and refinement of the robot's detecting sensor and gripping mechanism, optimizing its ability to delicately harvest fruits without damage, resulting in a 50% processing time reduction per target fruit.
- Launched the product in 2 fruit cultivation zones, monitoring performance metrics and gathering user feedback for ongoing product enhancements and scaling, ultimately securing a \$700K new investment.

### Deloitte & Touche LLP

Senior Assistant, Audit & Assurance - Banking & Capital Markets

New York, NY

January 2021 - February 2022

- Coordinated project collaborations across 5 countries and 4 distinct service lines. Served as the main liaison with client's CFO office and multiple departments. Proactively addressed inquiries, resolved issues, and ensured punctual delivery of services.
- Digitized risk assessment and internal control evaluation using the Omnia AI platform. Streamlined procedures and reduced task duration by 50% through work automation and analytics tools on 3 complex balance tests and inter-company transactions.

### National Bureau of Statistics

Data Analytics Intern, The Fourth National Economic Census Team

Xi'an, China

February 2019 - March 2019

- Analyzed over 800 local firms' raw operational and financial data using Python, unveiling business trends and growth prospects through strategic analysis, and provide a regional SMEs overview and robust foundation for informed policy-making.
- Achieved a 70% acceptance rate among the researched business owners for a report on augmenting business performance.

### SearchSino Market Research

Part-Time Analyst, Operation & Research

Xi'an, China

July 2015 - August 2018

- Designed and implemented data collections and quality controls, including 10 interviews, over 20 focus group sessions, and surveys with over 1K customers covering projects including consumer goods, technology, automotive, and energy industries.
- Conducted qualitative and quantitative research on customer feedback, business metrics, and market data to produce actionable insights. Notably, a new store site proposal was adopted by the client and led to record-breaking earnings in the subsequent year.

## PROJECTS ([Complete Portfolio](#))

### Business Viz — A Performance Metrics Dashboard Web Application

July 2023 - August 2023

- Orchestrated development of a comprehensive finance metrics dashboard, integrating machine learning projections and offering real-time financial insights through intuitive UI and advanced data visualization.
- Leveraged Material UI component library for a user-friendly interface, and Recharts for dynamic charts visualization.
- Engineered a robust API backend using Express.js on top of Node.js, coupled with efficient data storage and retrieval through MongoDB, resulting in a highly flexible and responsive platform for financial decision-making.

### Apple Maps Product Redesign

March 2023 - June 2023

- Improved user experience and efficiency by a more intuitive interface, resulting in a significant reduction in search-related task time and enhanced multitasking capabilities.
- Redesigned color palette, element position and menu logic and innovated offline maps and screen-on-screen feature to provide better accessibility, enhance user efficiency and expand usage scenarios.
- Conducted user testing in Balsamiq and improved alert box positioning, data caching, and status visibility based on user feedback.

### Oscar Pictures — A Movie Database and Tracker iOS Application

March 2023 - June 2023

- Researched user demands, identified user pain points and designed prototypes in Figma.
- Developed the application in Swift, integrated data persistence with CoreData, enabled interactive information with WebKit, and enhanced user experience with immersive backgrounds, randomized recommendations, statistics and status tracker features.
- Maintained ongoing support for the application, addressed issues, and implemented new features based on user feedback to ensure application responsiveness, error prevention, and compatibility across different devices.

## SKILLS & INTERESTS

- Data Analytics with Tableau, Alteryx, UiPath, SQL, Excel
- Programming with Python, Java, Haskell
- Web Development with HTML, CSS, JavaScript, React
- Interests: Language Learning, Card Magic, Video Editing, UI Design, Solving Hanayama Cast Puzzles
- UI/UX, Product Design and Testing with Figma, Balsamiq
- Mobile Development with Swift (iOS), Kotlin (Android)
- Work Demonstration with Office, Keynote, Final Cut Pro