

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, 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

- Built clear roadmap and product development plan, defining and prioritizing product features for a fruit harvesting robot, to address the market gap in mechanized fruit picking and to offer a green, efficient, intelligent, and cost-effective solution.
- Collaborated daily with a technical team of 8 engineers and designers to seamlessly integrate 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 user feedback for product improvements 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 service lines. Served as the primary contact for client's CFO office and department heads. Proactively addressed inquiries, resolved issues, and ensured timely 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 testings 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, uncovered business trends and growth opportunities through strategic analysis to provide a regional SMEs overview and robust foundation for policy-making.
- Achieved a 70% acceptance rate among researched business owners for a report advising on business performance improvements.

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 groups, and surveys with over 1K customers covering projects in the consumer goods, food and beverage, automotive, and energy industries.
- Conducted qualitative and quantitative research on consumer feedback and market data to identify trends, patterns, and produce actionable recommendations. A new store site proposal was adopted by the client and resulted in top earnings the following year.

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

Business Viz — A Finance Performance Dashboard Web Application

July 2023 - August 2023

- Orchestrated development of a comprehensive finance dashboard enriched with machine learning predictions, offering real-time financial insights through intuitive UI and advanced data visualization.
- Leveraged Vite for starter application, Redux Toolkit for seamless state management, Material UI component library for a modern and user-friendly interface, and Recharts for dynamic and interactive 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 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

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