

Yusi (Roy) Yao

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EDUCATION

College of the Holy Cross, Worcester, MA

Bachelor of Arts, CSCI Major, Physics & Statistics Minors

Course Highlights: Multivariable Calculus, Computer Networks, Electromagnetics Theory, Data Structure, Modern Physics, Probability Theory, Mathematical Statistics, Artificial Intelligence, Computer Security

ACCA in progress: AB, FA, MA

WORK EXPERIENCE

Citizens Bank, Full-time UX Researcher Intern | Westwood, Hybrid **Jun – Aug 2022**

- Conducted several generative research sessions on similar products through usability testing to improve the experience, which increased internal conversion rate by 16%
- Gathered data on consumer behavior by documenting their online activity on the company's database

InTime Biotech LLC, Part-time Technical Analyst | Delaware, Remote **Sep - Nov 2021**

- Built demo with GUI to automate business data processing accessible for both runtime system and human manual interactions. Implement automation scripts for email senders to reduce company employees' workload.

Ernst & Young LLP, Full-time Strategy Intern | Shanghai **July 2019 - Feb 2020**

- Participated the full lifecycle of the industry planning for Nanjing high-tech district (GULOU) under the 13th Five-Year Plan compliance guideline
- Recorded and compiled interview minutes of 15 industry experts and gov officials
- Performed research analysis on local IoT industry and existing financial lease regulations
- Programmed a web-spider and streamlined data collection using BeautifulSoup to sort out industrial information for 5k+ companies based in the district
- Reviewed 54 hi-tech companies' 10-Ks and 10-Qs, and performed company-specific research on their major shareholders and subsidiaries

Hansight Tech (360 Security), Full-time PM Intern | Nanjing **May - Aug 2019**

- Interpreted and translated the entire technical white book for the company official website (<https://en.hansight.com/>)
- Attended 5 major conferences and translated orally in real time for foreign project leaders
- Migrated the recent 5-year client communication reports (10k+) from React App to Wechat Cloud for server rendering. Compiled B2B quotation sheet for the past 1 year.
- Assisted UI in designing console screens and icons

RELEVANT PROJECTS AND ACTIVITIES

Stanford Cohen Lab, Stanford University, Research Assistant **June – Oct 2021**

- Collaborated with Alice Kathmandu (alice.kathmandu@stanford.edu) and 10 other RAs creating a series of lightweight web games to collect user behavior data based on WeChat
- Designed prototypes for the implementation of new features of a turn-based grand strategy PE game using Cocos Creator & Unity engine

Crypto-Modality, okex-realtime-trading-bot, Python Engineer **Sep 2021 – Present**

- Supervised under Wenhao (wesu@ucsd.com) on a python asyncio high concurrency trading bot using hundreds of threads listening to real-time crypto prices on web sockets interface, thread-safe loggers and data exporters, bitcoin ema strategy analyzer running in the background, and automated order bots for opening & closing positions. More features such as positions exporters and slippage handlers are still in development progress.

COLLEGE LEADERSHIP

Department of Physics, Teaching Assistant **Fall 2021 - Present**

- Tutor in physics workshop, grade students' course works

Student Government Association, Class Senator **Fall – Spring 2018**

- Voted for the eligibility of SGA bills, coordinated activities for 100+ intramural clubs

INTERESTS AND SKILLS

Technical: Java, Python, C++, R, SQL, Bloomberg, Unity, Cocos Creator

Interests: Travelling (20+ countries), Hiking, Real Estate Salesperson, Cooking