

Yihang (Hailey) Xia

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EDUCATION

Carnegie Mellon University

Aug 2020 - May 2024

Major: Statistics and Machine Learning & Information Systems GPA: 3.85/4.0

Relevant Coursework: Mathematical Finance, Probability Theory, Regression Analysis, Imperative Computing, Web Development, Linear Algebra, Multivariate Analysis, Differential Equation

WORK EXPERIENCE

Carnegie Mellon University Math Department

Pittsburgh, PA

Teaching Assistant

Jan 2022 – Present

- Led recitation and office hour sessions teaching 100+ students 3D calculus, integration, and optimization
- Provided one-on-one lessons and group mentorship to help students

CMU Computer Human Interaction: Mobility Privacy Security Lab

Pittsburgh, PA

Research Assistant

Jan 2022 – Present

- Worked in the Mobility Privacy Security Lab researching how user-driven auditing can help detect and solve equity issues in AI and online algorithms
- Collected & analyzed biased tweets from Twitter Cropping and Portrait AI

University of Southern California Office

Shanghai, China

Digital Marketing Intern

Jun 2021 – Aug 2021

- Led weekly meetings within a 5 people cohort to discuss innovative marketing plans
- Maintained & managed social media account with 3000+ users

HuoHua Logic

Shanghai, China

International Strategy Analyst

Mar 2020 – Jun 2020

- Conducted research on the digital education market in the US, Canada and UK
- Contacted and communicated with overseas potential partners for collaboration
- Completed Series D+ funding and the overseas expansion strategy

ACTIVITIES & PROJECTS

CMU Chinese Student Association (CSA)

Pittsburgh, PA

VP Finance

July 2021-Present

- Analyzed past expenses and drafted a budget of \$3,000 for the 2021-2022 academic year
- Communicated with board members of the budget for individual event

Smart Women Securities (SWS)

Pittsburgh, PA

Research Analyst

Sept 2021-Present

- Researched on Media& Communication Industry & produced an 8-page industry report
- Pitched two stocks in this industry & completed valuation

Learning Disabilities Association of Pennsylvania

Pittsburgh, PA

Technology Consulting

Oct 2021- Dec 2021

- Used **Figma** & designed accessible and interactive website for people with learning disabilities to find local services
- Incorporated filtering & allowed users to input basic information and guide them to correct services with **JavaScript**

Type And Learn

Apr 2021- May 2021

- Designed educational project intended for increasing typing speed and accuracy
- Allowed local login and stored users' information
- Analyzed users' performance and allowed users to practice words/letters they frequently got wrong

SKILLS & INTERESTS

Skills: English, Mandarin, Python, R, Microsoft Office, HTML, CSS, JavaScript, C, SQL, React

Interests: snowboarding, pipa (Chinese traditional instrument), yoga teacher