Xiyun Hu

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https://github.com/ErHxyun

EDUCATION

University of North Carolina at Chapel Hill   **Chapel Hill, NC**

B.S in Computer Science and Statistics Minor in Business Administration   Expected May 2027

- *Curricular GPA:* 3.97/4.00
- *Honors*: UNC MAC Program Mentee, Deloitte FanTaxtic Case Competition Finalist
- *Relevant Coursework:* Data Science and Econometrics, Tools for Information Literacy, Data Structures and Analysis, Discrete Mathematics, Methods of Data Analysis

SKILLS

- *Programming Skills:* Python (Proficient), Pandas (Proficient), Java (Proficient), HTML, CSS, JavaScript, React, WordPress
- *Languages:* Mandarin (Native), English (Proficient)

PROFESSIONAL EXPERINCE

Chapel Thrill Escape   **Chapel Hill, NC**

Web Development Intern   Mar 2024 - Present

- Fixed 100+ bugs on the website and implemented numerous enhancements to improve overall user experience
- Enhanced web page interactivity with HTML, CSS, and JS (resulted in 15% higher click rate)
- Assisted in adding live chat and message box in the website, dealing with customer queries more efficiently
- Designed virtual previews and tours using VR technology, increasing monthly customers by 17%
- Maintained and regularly updated web pages on WordPress

Digital4Good x #ICANHELP   **Chapel Hill, NC**

Business Research Analyst   Dec 2023 - Feb 2024

- Helped non-profit organizations gather information on potential partners
- Conducted research on market trends and local communities to determine new product opportunities
- Managed daily outreach and provided sponsors with one page deck
- Researched and analyzed client feedback to identify client needs and preferences
- Assisted in creating business plans, facilitating cooperation with 5 companies

PROJECT EXPERIENCE

Stock Rise and Fall Visualization   May 2024

- Built Python Pandas for interactive stock visualization
- Connected to Yahoo Finance to gain access to all data from past to real time
- Allowed users to select stocks and visualize the rises and falls in prices over a chosen period of time
- Applied in Investopedia stock market simulation, made predictions based on trends, and reaped a 35% gain

S&G 500 Companies Correlation Program   April 2024

- Developed program to analyze S&G 500 price change correlations
- Imported high, low, close, and volume of S&G 500 companies from Yahoo Finance for a selected period of time using Beautiful Soup 4
- Visualized the correlation of price changes using Matplotlib and Matplotlib.pyplot