

WANXIN HU

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EDUCATION

Dartmouth College

Hanover, NH

Intended: Bachelor of Arts in Computer Science and Economics, GPA: 4.0/4.0

June 2025

- Relevant Coursework: Problem Solving via Object-Oriented Programming, Foundations of Applied Computer Science, Discrete Math and Computer Science, Probability, Accelerated Multivariable Calculus, The Price System: Analysis, Problems and Policies
- Activities: Women in Business Corporate Relations Chair, Women in Science Project, Undergraduate Finance Committee at-large member, China Admissions Ambassador, Women in Computer Science, Dartmouth Symphony Orchestra, TAMID Tech Track

EXPERIENCE

Women in Science Project, Dartmouth College, US

January 2022-June 2022

Research Assistant

- Worked part-time in Computer Science Professor Bo Zhu's team with focus on computer graphics and computational physics, mainly using C++ and 3D modeling software Houdini
- Responsible for geometry processing of models used in physics simulation and rendering in current projects, individually completed the simulating and adjusting of 5 models, including the interactions between thin-cell structures and water drops, and the breaking and merging of soap bubbles
- Collaborated with other team members on the upgrade and migration of team's source code

HFT Investment Management, Shanghai, China

April 2021-June 2021

Research Department Intern

- Assisted Mutual Fund Analysts with financial analysis of Chinese texture and clothing industry, especially athletic apparel industry, collected and analyzed data from overseas companies' fillings and compared with Chinese companies, maintained financial models of related industries and companies
- Assisted General Manager Assistant with preparation and filing of documents for 100+ mutual funds and enterprise annuities' IPO share allocations, recorded and wrote department research meetings minutes, participated in 50+ conference calls and roadshows

Wings Capital Investment Management, Shanghai, China

September 2020- December 2020

Investment Analyst Intern

- Assisted Portfolio Manager with the screening of U.S. and Hongkong stocks based on industry, past performance, and market cap, contributed to the initial establishment of overseas stock watchlist
- Participated in the testing of new future exchanges CTP (Comprehensive Transaction Platform) API by conducting trading simulations with simple models written with specialized software

Violin Era, Shanghai, China

September 2019- February 2020

Video Producer

- Planned and implemented a four-episode beginner violin tutorial of Canon in D major, responsible for designing the course, writing scripts, contacting musicians, and editing videos
- Received more than 24k views and supporting comments on Chinese video-sharing platform Bilibili

ADDITIONAL

- Skills: familiar with Python (pandas, Numpy, Matplotlib, BeautifulSoup, Django), Java, data structures and algorithms, have experience in 3D modeling (Houdini, Maya, Blender), R, C++
- Awards and Certificates: ARML 2019 Team Global 19th, National 3rd, USAD 2018 Regional Math Gold Medal, Music Silver Medal, 9th Team Award, National Final Math Gold Medal and Arts Bronze Medal, China Mutual Fund and Private Equity Qualification Certificates, Citation for Academic Excellence (top ~2.4%) in Accelerated Multivariable Calculus, China Violin Examination Performance Level
- Languages: Chinese (Native), French (Fluent, DALF C1)
- Activities: Shanghai Student Symphony Orchestra, Social Responsibility Practitioners French Translator Volunteer, Engineering Summer Academy at Penn