

Yimeng Dong

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EDUCATION

University of Pennsylvania|exchange student

2024.01-present
Philadelphia, USA

Southwest University of Finance and Economics|bachelor
MIS-Delaware Data Science Institute

2022.07-2026.06
Chengdu, China

- **GPA:** 4.0 (Ranking 2/60)
- **English Proficiency:** GRE (323) 、 CET-4 (666) 、 CET-6 (592), duolingo(130)
- **Coursework:** Macroeconomics (100), Business Application Programming (99), Accounting (97), Data Structures (96), Investment Strategies Based on Quantitative Finance (96), Microeconomics (96), Probability Theory (92), etc.
- **HONORS AND DISTINCTION:** TEN SCHOOL/COLLEGE-LEVEL SCHOLARSHIPS AND HONORS, INCLUDING THE FAITH SCHOLARSHIP, CLASS A ACADEMIC SCHOLARSHIP, INNOVATION AND CREATIVITY SCHOLARSHIP, OUTSTANDING STUDENT LEADER, USCHIE FUTURE ELITE SCHOLARSHIP, AND SOCIAL WORK AND VOLUNTEER ACTIVITIES SCHOLARSHIP

PROGRAM EXPERIENCE

2024.3-Present AI Diplomat: Empowering UN Personnel with Open Source Large Language Model and Generative AI Tools

The joint research initiative between Unite TechNovation at the United Nations and the University of Fordham focuses on developing "AI Diplomat," a cutting-edge prototype tool. AI Diplomat utilizes advanced AI technologies, including Large Language Models (LLM) and generative AI techniques, to craft politically correct speeches and talking points aligned with the United Nations' positions on international laws and diplomatic principles. Initial user studies will gauge the tool's effectiveness and efficiency, paving the way for enhanced diplomatic communication. This tool addresses many ethical and security challenges with existing generic tools such as ChatGPT in the following four aspects: (1) alleviate bias and fairness concerns by using UN documents for training and tuning, (2) ensure security and confidentiality of UN data by developing a locally trained Large Language Model (LLM), (3) enhance accountability by providing original data sources used for generating new speeches, and (4) address technical inequality in developing countries.

2024.01-Present University of Pennsylvania IGSP

In the second semester of my sophomore year, I did a six-month exchange at the University of Pennsylvania, where I studied Machine Learning for Social Science, The International Monetary System from Sterling to Cryptocurrency, Innovation, Marketing Strategy, and Antitrust, Introductory Statistics, SQL Database.

2023.04-Present National Innovation Training Program for College Students: Exploring Blockchain-Based Mechanisms for Confining and Managing Strong AI

This research project explores the potential of blockchain technology in regulating strong artificial intelligence, aiming to contribute to academic discourse and policy formulation in this area. By examining blockchain's capacity to confine and regulate strong AI, the project seeks to mitigate risks of misuse and malevolence. Through a comprehensive analysis of blockchain's challenges and opportunities in this context, it proposes system architecture and application platform designs to inform enterprises and governmental bodies in crafting policies for responsible AI management, thus advancing ethical AI governance and fostering the responsible development of AI technologies.

2023.8-Present Elite Program for Applied Projects: Exploring Intelligent Investment Research Technology Using Deep Learning

The research project endeavors to enhance decision-making efficiency and accuracy within the realm of investment research. By harnessing the capabilities of deep learning technology, the project seeks to process and analyze financial data, thereby mitigating blind investment practices and trend-following behaviors. Ultimately, the aim is to minimize market volatility and risk while fostering the sustainable development of financial markets. Key research objectives encompass investigating the application of deep learning models in intelligent investment research, preprocessing and extracting features from financial data, as well as training and optimizing deep learning models to facilitate informed investment decisions.

INTERNSHIP

Takin.ai	Data Operations Data Analytics Intern	2023.05-2024.2
<ul style="list-style-type: none">• Algorithm research and implementation: Participate in the research and implementation of gpt algorithms. Read the latest research papers, understand and implement new algorithms, and evaluate their performance on specific tasks.• Website Planning and Design: Participate in the overall planning and design of Takin.ai,Hiddenart website, including determining the functionality of the website, page structure and user interface design.Subscribe to DeepL Pro to translate larger documents. Responsible for conducting website testing and quality assurance.• Data Collection and Model Optimization: Responsible for collecting mapping data from various websites,such as civital, and using data cleaning techniques to process the data to ensure the quality and integrity of the data for the training of the company's AI mapping model. Evaluated and optimized the trained AI mapping model, analyzed the performance and accuracy of the model, found and solved the problems of the model, and made suggestions for improvement to enhance the quality and effect of the model.• Market Research and Competitive Analysis: Help the company understand industry dynamics, competitors' strategies and market opportunities, and provide support for the company's strategic.		

CAMPUS EXPERIENCE

New Media Department	Student Union Member	2023.05-2024.2
<ul style="list-style-type: none">• planning and implementing content release schedules, crafting original articles and information, designing website headers, and optimizing layout to boost user engagement. Additionally, it entails monitoring article performance using data analysis tools to refine content strategies and promotion plans, ultimately enhancing the website's influence and attracting more attention from users.• Video editing: In charge of the post-production phase of video projects, encompassing tasks such as editing, dubbing, color grading, and incorporating special effects, among others, to uphold high standards of video quality and performance. Tailoring the editing process to project specifications, meticulous material selection and fine-tuning are employed to refine the video content, making it both captivating and impactful. Additionally, considering the diverse platform requirements (e.g., Xiaohongshu,TikTok) and audience demographics, the video is formatted and optimized for seamless playback across all platforms, ensuring an optimal viewing experience.• Photography and videography: Participate in the planning and organization of school activities, and be responsible for the filming of the event site.		

SKILLS

- **Programming Languages:** Proficiency in Python, R, SQL, LaTeX, Database Software MySQL
- **Language:**Chinese(Native speaker),English(Proficient)
- **Software applications:** Drafting Design(poster production), Adobe Acrobat (document editing),zotero.
- **Personal Characteristics:** ENFP (MBTI Personality), Executive, Meticulous and Responsible, Quick to Respond to Messages;
- **Hobbies:** Chinese Dance (Grade 10), Badminton, Swimming, Skiing (amateur level).