

Education Background

Hong Kong University of Science and Technology Mphil Artificial Intelligence	2024.9-2026.6
Beijing Normal University Bachelor Chinese Language and Literature (985/A+/gpa 3.5/30%)	2020.9-2024.6
Hokkaido University Exchange Exercise rehabilitation for older people (A+)	2024.7-2024.9
Tsinghua High School STEM (13.4%)	2017.9-2020.6

Research experience

"Ambiguity-Driven Guidance: How Designing for Productive Confusion Reactivates Teacher Value"

When ChatGPT writes essays in seconds, language teachers face extinction—unless AI becomes their ally, not replacement.
First Author[code] Under Review at CHI 2026 Workshop 2025.5–2025.9

Research Problem:
Identified fundamental mismatch between generative AI's efficiency-driven design and teaching's essence of guided inquiry; developed "ambiguity-driven guidance" principle transforming AI from answer-machine to cognitive catalyst
Technical Execution:
Built BGE-M3 + GAT architecture generating dynamic concept networks; programmed progressive questioning interfaces; executed 5-week controlled study with 18 participants across multiple institutions
Measurable Impact:
Achieved statistically significant professional identity shifts; documented sustained engagement with 122.8 concept-construction steps per session, validating AI's potential as teaching enhancer

"Generative AI Reshaping Technical Identity:
A Study of Digital Career Transition Practices Among Chinese Liberal Arts Women"

Transforming "non-technical" outsiders into innovative collaborators who infuse humanism into code.
First Author Under Review at ICWSM 2026 2025.5–2025.9

Research Innovation:
Investigated how generative AI transforms technical identity among through a mixed-method qualitative study
Methodology:
Conducted multi-source qualitative study with 10 participants through 1.5-2 hour in-depth interviews; executed digital ethnography across Douban&Rednott; achieved high reliability through dual researcher thematic analysis
Findings:
Discovered a multi-level identity negotiation model and "cautious activism" strategy facilitating career transitions and inclusive AI tool design; documented systematic identity transformation from "learner" to "technical person"

"TBC-DDH: Inverse Inference of Preoperative DDH Pathology from Postoperative Gait Rehabilitation Data"

What if we could diagnose tomorrow's hip problems by analyzing today's walking patterns?
First Author[code] Under Review at BIBM 2026 2025.3–2025.7

Research Problem:
Tackled adult DDH diagnosis where preoperative imaging is limited and symptoms are hidden; Created AI system that reads post-surgical walking patterns to reveal what hip problems existed before surgery
Technical Approach:
Built four-module AI architecture analyzing gait biomechanics across 29 post-surgery patients; Tracked rehabilitation data from 31-210 days post-surgery to extract diagnostic signatures
Clinical Impact:
Achieved 86.67% accuracy in retrospective DDH diagnosis—significantly outperforming standard methods (p<0.001); Validated that walking patterns contain diagnostic information invisible to traditional imaging

"HipGo: Multimodal Smart Agent Solution for Remote Hip Dysplasia Care"

Rare hip disorders affect 3% globally but lack specialist access—can smartphone-based AI close this gap?
First Author[code] Under Review at BIBM 2026 2025.1–2025.5

Research Problem:
Tackled DDH's diagnostic desert—adults with undetected childhood hip disorders lacking specialist access in resource-limited regions; built AI platform democratizing expert-level orthopedic assessment
Technical Approach:
Deployed hybrid CNN-GAT for hip keypoint detection; fused visual features with clinical parameters for automated multimodal reports; integrated decision support with remote rehabilitation workflows
Clinical Impact:
Achieved closed-loop care from diagnosis to recovery; validated smartphone-accessible specialist-quality assessment, potentially reaching millions currently underserved by orthopedic expertise

Work Experience

Yulingzhikong (Canton,China)	Human-Robot Interaction Intern	2025.4-now
<i>Product Design:</i> Conducted 12 in-depth user interviews across 3 family demographics identifying core companion interaction pain points; designed 4 emotion recognition patterns integrating HRI research for optimized dialogue experiences Coordinated 8 supply chain partners for hardware module selection defining MVP feature set; collaborated on emotion computing algorithm integration achieving 85% accuracy in pilot testing phase		
<i>Market Strategy:</i> Analyzed 10 competitive products across home robotics sector building market positioning framework; identified 3 key market segments with validated customer acquisition strategies reducing early-stage marketing costs by 30% Facilitated seed user acquisition program securing 40+ beta testers providing iterative product feedback		
HiDream.ai (Shanghai,China)	Product Growth Intern	2024.6-2024.9
<i>User Growth:</i> Launched AI redrawing and similarity matching features post competitive analysis. Drove 19,000+ monthly active creator acquisition through feature integration. Executed A/B testing framework validating content display optimizations. Delivered 25% YoY browsing time increase, 38.8% retention improvement		
<i>Business Analysis:</i> Analyzed competitor pricing strategies across 8 AI creative platforms using web scraping tools. Collected user feedback from 500+ surveys identifying top pain points in content generation workflow. Built Excel dashboards tracking daily user engagement metrics (session duration, feature adoption rates).		
ByteDance (Shanghai,China)	E-commerce Product Intern	2023.12-2024.6
<i>Product Optimization:</i> Served the 3C category using Naive Bayes models and multivariate regression for dynamic pricing strategy optimization. Monitored real-time user behavior data (e.g., purchase history, browsing patterns). Identified key drivers of promotional activities through data mining. Achieved a 76% increase in average daily ROI for brands		
<i>User Growth:</i> Collaborated with 38 top merchants, using clustering to identify potential high-value user groups Designed and implemented a personalized recommendation system, increasing conversion rates by 35% and driving brand sales growth. Continuously iterated operational strategies through user feedback and behavioral data analysis		
<i>Data Visualization:</i> Developed B-end fee rate strategies for the 3C digital category. Utilized regression analysis, time series forecasting, and decision tree models to analyze merchant operations, dynamic sales, and GMV share. Provided timely improvement suggestions Identified sales pain points through predictive modeling, resulting in a 60% year-on-year decrease in high-rate fees		
<i>User Research:</i> Combined qualitative (industry reports, macro/meso-level enterprise research) and quantitative research methods (user interviews, surveys) to collect user feedback and understand customer needs Built dynamic data dashboards using Aeolus, Power BI, and Tableau for real-time sales metric monitoring Drove a 413% year-on-year GMV growth for related brands		
Yukuaidi (Shanghai,China)	Brand Creative Intern	2023.9-2024.12
<i>Brand planning :</i> Responsible for the China social media of luxury women's clothing Loro Piana, 3C audio Devialet and perfume brand Caron, successfully output 200+ content with an average readership of 20,000+ Based on market research and analysis, planning the Chinese New Year marketing campaigns for Versace and Helena Rubinstein, achieving a 30% increase in brand awareness and a 25% increase in user engagement		
<i>Placement Optimization :</i> Analyzed client Devialet's monthly social media data and collaborated on the brand's content operation strategy for 2024, resulting in a 40% increase in social media interaction rate		
Bluefocus (Beijing,China)	Marketing Intern	2023.5-2024.9
<i>Content Planning :</i> Develop and implement content strategy on dual micro-platforms for luxury agent Yingtong Group (covering 50+ brands such as Van Cleef & Arpels, Versace, Coach, etc.), boost content readership by 3k+		
<i>Placement optimization:</i> Monitor the effect of advertisement placement, analyze key indicators, through data-driven strategy adjustment, the average monthly exposure reached 80k+ times, exceeding target achievement rate by 130%		

Other

Content Creator
Douban: 1.6K+ followers, 400K+ readership, 250K peak engagement | Bilibili: 150K+ views Japanese music content
Career consulting: 50+ women served