

EDUCATION	Southern University of Science and Technology B.E. in Computer Science and Engineering Shenzhen, China Sep 2023 - Jun 2027 (expected) - GPA: 3.65/4.00 - Selected Courses: Algorithm Design and Analysis(98), Computer Security (97), Mathematical Logic(95), Linear Algebra(88), Artificial Intelligence(87), Deep Learning(84)
PUBLICATION	Budget-Aware Submodel Extraction from Vision-Language Foundation Models Ziyao Wang, Zhiyu Hou, Chen Chen, Jingtao Li, Yuhan Liu, Zhiqiang Shen, Ang Li, Lingjuan Lyu. (Under review at ECCV 2026) Keywords: Vision-Language Models, Model Compression, Submodel Extraction, Efficient AI My contribution: Implemented attention/MLP/block dropping and width reduction strategies and bench- marked compressed VLMs. Provable Model Provenance Set for Large Language Models [arxiv] Xiaoqi Qiu, Hao Zeng, Zhiyu Hou, Hongxin Wei. (Under review at ICML 2026) Keywords: LLM Provenance, Statistical Guarantee, Model Auditing My contribution: Built MPS pipelines, supported benchmark and prompt construction.
RESEARCH EXPERIENCE	University of Maryland, College Park Remote Jan 2026 - Present - Contributed to a budget-aware submodel extraction framework for Vision-Language Models (VLMs), targeting maximizes task performance under the constraint. - Contributed to design and implement a heterogeneous structural reduction pipeline, including attention, MLP, block dropping and width reduction, to optimize accuracy–efficiency trade-offs. - Evaluated on Qwen2.5-VL and LLaVA across multiple VQA benchmarks, achieving strong accuracy under significantly reduced parameter and compute budgets. Southern University of Science and Technology Research Assistant Sep 2025 - Mar 2026 - Contributed to Model Provenance Set (MPS), a provable framework for LLM provenance analysis with statistical coverage guarantees. - Built token-level and semantic similarity evaluation pipelines, and helped construct a benchmark of 455 Hugging Face LLMs with 100k diverse prompts for large-scale provenance analysis. - Conducted large-scale experiments in multi-candidate attribution and auditing settings, achieving a coverage rate of 96% with an average predicted set size of 2.1 at $\alpha = 0.05$, and demonstrating superior performance over heuristic baselines.
AWARDS AND HONORS	Second Prize, 18th “Challenge Cup” Guangdong Provincial Competition 2025.08 Merit Award, 3rd Entropy Cup Cryptography Security Challenge 2025.07 Outstanding Volunteer, SUSTech 2024.11 Freshman Scholarship, SUSTech 2023.09
SKILLS	Languages: English (fluent), Chinese (native) Programming: Python, Java Frameworks & Tools: PyTorch, Transformers, Git, Linux, Vim, LaTeX, Typst