

Son Nguyen

snguye88@asu.edu | github.com/nttson | linkedin.com/in/snguyen3

Education

Arizona State University – BS in Computer Science Expected May 2029
Barrett, The Honors College student 4.15 GPA

Tran Dai Nghia High School for the Gifted – Ho Chi Minh City, Vietnam Graduated May 2025
Computer Science Specialization Program; Class Entrance Valedictorian; Class President

Publications

[3] **Son Nguyen**, V. G. Bao, Quang Minh Phan, Trong P. Le. The Shape of Noise: Layer-Wise Perturbation Profiles for Diagnosing Vision Robustness. *1st Workshop on Combining Theory and Benchmarks (CTB@ICML 2026)*. 2026.

[2] **Son Nguyen**, Xinyuan Liu, Ransalu Senanayake. CUPID in the Model Zoo: Online Matchmaking for Selecting Your Dream LLM. *International Conference on Machine Learning*. 2026.

[1] **Son Nguyen**, Xinyuan Liu, Ransalu Senanayake. LLM Routing as Reasoning: A MaxSAT View. *International Conference on Learning Representations Workshop on Logical Reasoning of Large Language Models*. 2026.

Teaching Experience

Undergraduate Learning Assistant, CSE 110: Principles of Programming, Arizona State University, Spring 2026

Activities

Undergraduate Researcher, LENS Lab, ASU Aug 2025 – Present

- Conducted literature review; proposed algorithm and research direction; designed the study; implemented baselines/methods and experimental pipelines; ran ablations; performed statistical analysis; analyzed results; and prepared the manuscript.
- Applied preference-based Bayesian optimization to create the novel constrained, latent dueling bandit using UCB; introduce principled framework to perform user-level LLM routing for 125 APIs

Undergraduate Learning Assistant, ASU FSEPUlse Jan 2026 – Present

- Supported a class of 98 students during lectures and lab sections; recorded attendance.
- Assisted with course preparation (e.g., managing lab supplies and/or discussion boards).
- Monitored and answered questions on the Inscribe community with ~450 students.

Research Lead, Engineering Projects in Community Service (EPICS@ASU) Aug 2025 – Dec 2025

- Conducted competitor analysis and researched 15+ process-optimization options to address slow intake workflows for a community pet food bank.
- Proposed solutions projected to shorten intake time by 3× and reduce operational cost by 20×.
- Met with the community partner to present progress, gather feedback, and refine prototype directions.

Technical Officer, The Software Developers Association (SoDA) at ASU Jan 2026 – Present

- Created/refined presentation slides for a SoDA general body meeting on AWS with 93 attendees.
- Participated in monthly all-hands meetings and weekly technical team meetings.
- Developed problems and contest rules for SoDA's flagship event, Code Challenge XII.

Academic Achievements

Bronze Medal – 2025 ICPC Rocky Mountain Regional Contest: second team awarded medal in ASU's history.

Dean's List – Fall 2025

Third Prize – Vietnam National Olympiad in Artificial Intelligence (2025): rank 31

Third Prize – 5th Central-Central Highlands Informatics Olympiad (2024)

Second Prize – Ho Chi Minh City Informatics Olympiad (2022): Ranked 7

Third Prize – Tran Dai Nghia High School for the Gifted Research Competition (2022)