Ziming Dong

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Education

University of Victoria, Computer Science — Victoria, BC — Sept 2025 – present
- Expected graduation: Aug 2027
- Research area: Large language models on edge devices

University of Victoria, Computer Science — Victoria, BC — Sept 2021 – Apr 2025
- GPA: 7.78/9
- Relevant coursework: Computer Communications and Networks, Algorithms and Data Structures, Software Development Methods, Human Computer Interaction, System Analysis, Numerical Analysis, Operating Systems, Data Mining

Experience

UVic Department of Computer Science, Teaching Assistant (CSC361: Computer Communications and Networks) — Victoria, BC — Sept 2025 – present — 6 months
- Provided technical support for PicoNet and collaborated with the professor and UVic Systems team to resolve lab service issues
- Updated legacy lab materials for compatibility with new UVic JupyterHub infrastructure and supported end-to-end testing
- Led three lab sections (about 25 students each) with weekly guidance on networking concepts and experiments

UVic Department of Computer Science, Research Assistant (arXiv:2601.22132) — Victoria, BC — Jan 2025 – present — 1 year 2 months
- Developed the LLM Shepherding framework, achieving 42-94% cost reduction via partial LLM assistance on reasoning and code generation benchmarks
- Implemented a two-stage DeBERTa-v3-large prediction model and evaluated on GSM8K, CNK12, HumanEval, and MBPP
- Demonstrated 2.8x cost reduction over a state-of-the-art baseline

UVic Faculty of Humanities, Photographer — Victoria, BC — Sept 2024 – May 2025 — 9 months
- Delivered high-quality photos and videos on time with strong attention to detail
- Worked with team members, stakeholders, and sponsors to meet project goals

Vancouver Public Education Alliance, Student Counselor — Victoria, BC — Sept 2021 – June 2022 — 10 months
- Coordinated communication for 10+ international high school students, schools, School District 61, and parents
- Managed individualized education plans including course registration and university application support

Volunteer

UVic Global Community, Student Mentor — Victoria, BC — Sept 2023 – Dec 2023
- Supported students from diverse backgrounds in academic and personal adjustment
- Organized activities to strengthen intercultural connection and understanding

Skills

Programming

Frameworks and Libraries

Operating Systems

Productivity and Tools