

Tim G. Zhou

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Education

University of British Columbia Vancouver, BC, Canada
B.Sc. in Combined Honours, Computer Science and Statistics Sept 2020 – Apr 2025

University of British Columbia Vancouver, BC, Canada
PhD-Track MSc in Computer Science Sept 2025 – present

Publications

Asymmetric Duos: Sidekicks Improve Uncertainty
Tim G. Zhou, Evan Shelhamer, Geoff Pleiss
NeurIPS 2025 (Spotlight, top 3%)

Haptically Experienced Animacy Facilitates Emotion Regulation: A Theory-Driven Investigation
Preeti Vyas, Bereket Guta, Tim G. Zhou, Noor Naila Himam, Andero Uusberg, Karon E. MacLean
IEEE Transactions on Affective Computing, 2026

Changing Modalities by Cross-Band Transfer, Addition, and Peeking
Tim G. Zhou, Anthony Fuller, Geoff Pleiss, Evan Shelhamer
ICLR 2026 ML4RS workshop (Main Track)

Research Experience

Graduate Researcher — Deep Learning, Remote Sensing Vancouver, BC, Canada
UBC Computer Science Sept 2025 – present

Undergraduate Researcher — Uncertainty Quantification Vancouver, BC, Canada
UBC Statistics May 2024 – Aug 2025

Undergraduate Research Assistant — Human-Robotics Interaction Vancouver, BC, Canada
UBC Computer Science Sept 2023 – Aug 2024

Peer-Review Services

ICLR TTU Workshop: 2026

TMLR: 2025

ICLR: 2026

Teaching Experience

Teaching Assistant, CPSC 320: Intermediate Algorithm Design and Analysis Vancouver, BC, Canada
University of British Columbia Sept 2024 – Dec 2024

- Led three weekly tutorial sessions for over 200 students, facilitating problem-solving discussions and reinforcing core algorithmic concepts.
- Received student evaluation score of 4.86/5.0

Industry Experience

Data Scientist Co-op Calgary, AB

Awards and Honours

Martin Frauentorf Memorial Prize in Computer Science (900 CAD): 2025, UBC

Science Scholar: 2025, UBC

UBC Faculty of Science International Student Scholarship (9000 CAD): 2024, UBC

Work Learn International Undergraduate Research Award (6000 CAD): 2024, UBC

Dean's List: 2023, UBC

Dean's List: 2021, UBC

Volunteering and Outreach

Curriculum Developer

UBC

GIRLsmarts4Tech

Sept 2024 – May 2025

- Developed a Computer Vision workshop for girls in grades 6–9 in the Greater Vancouver Area.
- Designed interactive hands-on activities on texture synthesis.
- Co-lead the first iteration of our Computer Vision workshop at Vancouver Independent School for Science and Technology.

Senior Student Mentor on Undergraduate Research

UBC

Women in Computer Science

Sept 2024 – May 2025

Senior Student Mentor

UBC

Science Undergrad Society

Sept 2024 – May 2025

Student Mentor

UBC

Computer Science Tri-mentoring Program

Sept 2023 – May 2024

References

Dr. Evan Shelhamer: Research Supervisor (current)

Dr. Geoff Pleiss: Research Supervisor (current)

Dr. Karon Maclean: Research Supervisor (past)

Dr. Anne Condon: TA Supervisor (past)

Machine Learning Coursework

CPSC 340: Machine Learning and Data Mining: UBC 2023 W1

CPSC 425: Computer Vision: UBC 2023 W1

STAT 406: Methods for Statistical Learning: UBC 2024 W1

STAT 460: Statistical Inference I: UBC 2024 W1

CPSC 436N: Natural Language Processing: UBC 2024 W1

CPSC 532D: Statistical Learning Theory: UBC 2024 W1

STAT 461: Statistical Inference II: UBC 2024 W2

CPSC 440: Advanced Machine Learning: UBC 2024 W2

CPSC 449: Honours Thesis: UBC 2024 W1&2

CPSC 532X: Adaptation & Adaptive Computation: UBC 2025 W1

CPSC 532Y: Causal Machine Learning: UBC 2025 W1

CPSC 550: Statistical Machine Learning II: UBC 2025 W2

Technical Skills

Python, Pytorch, MATLAB, C++, C, Java, JavaScript, R: Languages & Frameworks

Languages

Mandarin: Native

English: Fluent, Duolingo ET 160/160