

Theophile Gervet

CONTACT INFORMATION	Address: 5701 Centre Ave, Pittsburgh, PA, 15206 Website: https://theophilegervet.github.io	Email: tgervet@andrew.cmu.edu Phone: (412)315-4525
RESEARCH INTERESTS	Embodied AI and computer vision to make mobile manipulators useful alongside humans.	
EDUCATION	Carnegie Mellon University Sep 2018 - Present Machine Learning Ph.D. — GPA: 4.06/4.30 <ul style="list-style-type: none">• Sep 2022 - present: real-world embodied AI and computer vision with Katerina Fragkiadaki• May 2020 - Aug 2022: leave to work for an early-stage startup in San Francisco• Sep 2018 - Apr 2020: reinforcement learning in education with Tom Mitchell and Jeff Schneider	
	McGill University Sep 2014 - Dec 2017 Computer Science & Mathematics B.Sc. Honours — GPA: 3.95/4.00 <ul style="list-style-type: none">• Hierarchical reinforcement learning with Doina Precup	
WORK EXPERIENCE	Research Intern, Meta AI May 2022 - Aug 2022 <ul style="list-style-type: none">• Navigating to objects in the real world with Devendra Chaplot, Dhruv Batra, and Jitendra Malik	
	Machine Learning Lead, Relyance AI May 2020 - Apr 2022 <ul style="list-style-type: none">• Relyance AI monitors and manages data privacy programs continuously with machine learning• Joined as first engineer, hired and led a team of 8 ML engineers through high growth (from scratch to \$4M of revenue with Zoom, Robinhood, Patreon as customers, \$30M raised, and 70 employees)• Built Relyance’s core ML/NLP systems processing legal documents, source code, and runtime monitoring data to map user data flows, and infra for model training, deployment, and monitoring	
	Research Intern, Meta AI Mar 2018 - Jun 2018 <ul style="list-style-type: none">• Multi-agent reinforcement learning with Joelle Pineau	
PUBLICATIONS	Navigating to Objects in the Real World Theophile Gervet , Dhruv Batra, Jitendra Malik, Devendra Chaplot (Science Robotics 2023)	
	PASS: Performance Adaptive Sampling Strategy Towards Fast and Accurate Graph Neural Networks Minji Yoon, Theophile Gervet , Baoxu Shi, Sufeng Niu, Qi He, Jaewon Yang (KDD 2021)	
	When is Deep Learning the Best Approach to Knowledge Tracing? Theophile Gervet , Ken Koedinger, Jeff Schneider, Tom Mitchell (JEDM 2020)	
	Autonomous Graph Mining Algorithm Search with Best Speed/Accuracy Trade-off Minji Yoon, Theophile Gervet , Christos Faloutsos (ICDM 2020)	
	TarMAC: Targeted Multi-Agent Communication Abhishek Das, Theophile Gervet , Michael Rabbat, Joelle Pineau (ICML 2019)	