

Hai NGUYEN

Northeastern University

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website: <https://hai-h-nguyen.github.io/>

EDUCATION

Northeastern University (NEU), USA	2019 - Present
Doctor of Philosophy in COMPUTER SCIENCE	
Supervisors: Prof. Robert Platt , Prof. Christopher Amato	
University of Southampton (UoS), UK	2016-2017
Master of Science in UNMANNED AIRCRAFT SYSTEMS DESIGN	
Hanoi University of Science and Technology (HUST), Vietnam	2007-2012
Bachelor of Science in CONTROL AND AUTOMATION ENGINEERING	

WORK EXPERIENCES

Embedded Software Engineer, Viettel Aerospace Institute, Vietnam	2012-2016 & 2017-2018
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RESEARCH INTERESTS

My research focuses on uncertainty modeling, reinforcement learning, and their applications to robot manipulation. I aim to build compact and robust models of the world to decision making under partial observability.

SELECTED PUBLICATIONS

Hai Nguyen*, Zhihan Yang*, Andrea Baisero, Xiao Ma, Robert Platt, Christopher Amato. “Hierarchical Reinforcement Learning under Mixed Observability”, *The 15th International Workshop on the Algorithmic Foundations of Robotics (WAFR)*, 2022

Hai Nguyen*, Brett Daley*, Xinchao Song, Christopher Amato, Robert Platt. “Belief-Grounded Networks for Accelerated Robot Learning under Partial Observability”, *The 4th Conference on Robot Learning (CoRL)*, 2020

AWARDS

Chevening Scholarship, British Foreign and Commonwealth Office (2% acceptance rate)	2016
IMechE UAS 2016 Challenge - Runner-up	2017
IMechE UAS 2016 Challenge - Navigation Accuracy Award	2017
Graduate Dean’s Merit Scholarship, University of Nevada, Reno (\$10,000)	2018
Travel & Accommodation Scholarship, Southeast Asia Machine Learning School (SEAML)	2019

PROFESSIONAL ACTIVITIES

Reviewer

- Conferences: ICRA (2021), IROS (2022)
- Journals: RA-L (2022)