

# SHANGQUN YU

990 N Pleasant street, Amherst, MA 01002  
(401)654-9891   yushangqun@hotmail.com   shangqunyu.github.io

## EDUCATION

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**University of Massachusetts Amherst**

*Sept 2022 - Present*

Ph.D in Computer Science

**Brown University**

*Sept 2020 - May 2022*

Master in Computer Science, GPA: 4.0/4.0

**Shanghai Jiao Tong University**

*Sept 2015 - May 2019*

Bachelor in Computer Science, GPA: 89.4/100

## RESEARCH INTEREST

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Robot Locomotion, Reinforcement Learning, Machine Learning

## SELECTED PUBLICATIONS

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- “Learning Generic and Dynamic Locomotion of Humanoids Across Discrete Terrains” - Humanoids 2024, **Shangqun Yu**, Nisal Perera, Daniel Marew, Donghyun Kim
- “StaccaToe: A Single-Leg Robot that Mimics the Human Leg and Toe” - IROS 2024, Nisal Perera, **Shangqun Yu**, Daniel Marew, Donghyun Kim
- “Model-based Lifelong Reinforcement Learning with Bayesian Exploration” - Neurips 2022, Haotian Fu, **Shangqun Yu**, Micheal Littman, George Konidaris
- “Meta-learning Parameterized Skills” - ICML 2023, Haotian Fu, , Micheal Littman, George Konidaris
- “Q-functionals for value-based continuous control” - AAAI 2023 Conference on Artificial Intelligence, Samuel Lobel, Sreehari Rammohan, Bowen He, **Shangqun Yu**, George Konidaris

## TEACHING EXPERIENCE

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**Teaching Assistant**

Systems for Data Science Sept 2024 - Present

Introduction to Robotics: Perception, Mechanics, Dynamics & Control Sept 2022 - Dec 2022

Learning and Sequential Decision Making Sept 2021 - Dec 2021

## SKILLS

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**Programming skills:**

Python, C++, C#, Java, Pytorch, Tensorflow, Matlab, LaTeX, HTML, CSS, Javascript.

**Extracurriculars:**

Photography, Soccer, Piano.

**Languages:**

English, Chinese.