

Qinxi Yu

Email: quincygrad@gmail.com

Website: <https://quincy-u.github.io>

Google Scholar: <https://scholar.google.com/citations?user=3k7hNDIAAAAJ>

Education

UNIVERSITY OF TORONTO

Honored B.S. Computer Science. GPA:3.96/4.0

September 2018 - June 2023

Publications

EGOVLA: Learning Vision-Language-Action Models from Egocentric Human Videos

- Conference: *CVPR 2025* Status: Under Review

(First Author) ORBIT-Surgical: An Open-Simulation Framework for Accelerated Learning Environments in Surgical Autonomy

- Conference: *ICRA 2024* [<https://orbit-surgical.github.io>] Status: Published

ORBIT: A Unified Simulation Framework for Interactive Robot Learning Environments

- Journal: *IEEE RA-L 2023* [<https://isaac-orbit.github.io>] Status: Published

Robot-Assisted Vascular Shunt Insertion with the dVRK Surgical Robot

- Journal: *JMRR 2023* [<https://sites.google.com/berkeley.edu/ravsi>] Status: Published

Research Experiences

1. Robot learning on bimanual manipulation with humanoid

University of California San Diego

May.2024 - Present

- Advisor: Prof. Xiaolong Wang
- Paper under review at CVPR 2025

2. Robot Learning For Surgical Manipulation Tasks With ORBIT (ORBIT-SURGICAL)

University of Toronto, PAIR Lab & UC Berkeley, BAIR Lab

Nov.2022 - Sep.2023

- Advisor: Prof. Animesh Garg & Prof. Ken Goldberg
- First-Author paper accepted by ICRA 2024

3. Robot-Assisted Vascular Shunt Insertion with the dVRK Surgical Robot

University of Toronto, PAIR Lab & UC Berkeley, BAIR Lab

Jun.2023 - Sep.2023

- Advisor: Prof. Animesh Garg & Prof. Ken Goldberg
- Paper accepted by JMRR 2023

4. Unified Interactive Robot Learning Simulation Framework (ORBIT, currently known as IsaacLab)

University of Toronto, PAIR Lab

Jul.2021 - Nov.2022

- Advisor: Prof. Animesh Garg & Prof. Ken Goldberg
- Paper accepted by IEEE RA-L 2023

Work Experiences

Amazon, AWS · Toronto, Canada

July.2023 - Aug 2024

- Software Development Engineer @ AWS Directory Service

Amazon, AWS · Toronto, Canada

May 2022 - Aug.2022

- Software Development Engineer Intern @ AWS Directory Service

Kijiji Canada · Toronto, Canada

May 2021 - Apr.2022

- Software Development Engineer Intern on backend development

Awards

Innis College Anniversary Scholarship

November 15th 2019

Winifred Florence Hughes Scholarships

November 19th 2020

Robin Harris Memorial Scholarship

December 16th 2021

Dean's List Scholar

2019 - 2023