(425) 422-9248
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qpfeifer@cs.washington.edu

Quinn Pfeifer

Education

University of Washington
Paul G. Allen School of Computer Science and Engineering and Department of Mathematics September 2023 -
- Dean's List all quarters
- Graduate-level coursework
- Double major in Computer Science and Mathematics
- Notable CSE coursework: CSE 311, 312, 331, 332, 333, 351, 421, 442, 455, 473, 478, 546, 547
- Notable MATH coursework: MATH 207, 209, 224, 300, 394

Everett Community College
Running Start September 2021 - June 2023
- 4.0 GPA
- Notable coursework: Calculus I-III, Linear Algebra, Advanced Data Structures and Algorithms in Java

Experience

Personal Robotics Lab at University of Washington
Undergraduate Research Assistant October 2023 -
- Worked with Ph.D. students and Professors to develop state-of-the-art Imitation Learning algorithms that outperform humans and other baselines
- Submitted papers to top robotics conferences and journals
- Performed research on real-world platforms and became familiarized with full-stack robotics including perception, control theory, simulated dynamics, and Imitation and Reinforcement learning in a real-world robotic setting

Nintendo of America
Platform Engineering Intern June 2024 - August 2024
- Developed multiple automations to streamline workflows, saving 300+ hours annually department-wide
- Gave a Capstone Presentation to a board of company executives, including the President, EVP, and Director of IT

Publications

Abhay Deshpande, Liyiming Ke, **Quinn Pfeifer**, Abhishek Gupta, Siddhartha S. Srinivasa, (2024). "Data Efficient Behavior Cloning for Fine Manipulation via Continuity-based Corrective Labels". In: *International Conference on Intelligent Robots and Systems (Oral)*. URL: https://personalrobotics.github.io/CCIL/.

Abhay Deshpande, Liyiming Ke, **Quinn Pfeifer**, Yunchu Zhang, Abhishek Gupta, Siddhartha S. Srinivasa, (2025). "CCIL: Continuity-Based Corrective Labels for Imitation Learning". In: URL: https://personalrobotics.github.io/CCIL/.

Quinn Pfeifer, Ethan Pronovost, Paarth Shah, Khimya Khetarpal, Abhishek Gupta, Siddhartha Srinivasa, (2026). "[Under Review] [Title Omitted for Anonymity During Review Process]". In: *The Fourteenth International Conference on Learning Representations*. ICLR.

Recreational Robotics

Husky Robotics
Software Developer October 2023 - September 2025
- Developed software for a world-class imitation Mars rover for competition in the University Rover Challenge
- Worked with React applications and Unity-based simulations for Rover control and navigation, both teleoperated and autonomous

Underwater Remotely Operated Vehicles (UWROV)
Lead Software Developer August 2024 -
Software Developer October 2023 - August 2024
- Developed software for world-class ROV for participation in the MATE ROV competition
- Developed Photogrammetry and SfM algorithm to create 3D scans of the ocean floor and extrapolate ROV position in 3 dimensions

Awards

Academic
- 2023-2025 - Dean's List all quarters, University of Washington
- 2025 - Mary Gates Research Scholarship, University of Washington
- 2023 - President's Distinction (4.0 GPA), Everett Community College

MATE (UWROV)
- 2025 - Engineering Presentation World Champions
- 2025 - Technical Documentation World Champions
- 2025 - Sharkpedo Legacy Innovation Award
- 2025 - NOAA Ocean Exploration Video Challenge (Lead Developer)