

Tanner Addington Watts

Email: tanneraddington@gmail.com

Projects: <http://tannerwatts.info>

Education

University of Utah

- B.S. Computer Science, B.S. Applied Mathematics (GPA: 3.73) Fall 2019 - Fall 2023
- Undergraduate Thesis, Advised by Alan Kuntz Fall 2022 - Current
- Research Assistant in Kuntz Lab (co-first author paper) Fall 2023 - Winter 2023 (AI)
- Teaching Assistant (AI - Alan Kuntz, Object Oriented Programming - David Johnson) Winter 2021 - Spring 2021 (OOP)

Stanford University

- Research Assistant working on unsupervised techniques to model serotonin receptor effects in the brain (Advised by Liquin Luo and Scott Linderman) Summer 2022 - Current
- Natural Language Processing Summer 2021

Publications

Thach, B.*, Watts, T.*, Ho, S., Hermans, T., & Kuntz, A. (2023). DefGoalNet: Contextual Goal Learning from Demonstrations For Deformable Object Manipulation. *ArXiv*. /abs/2309.14463 *authors contributed equally

P. Jenkins ... T. Watts, et al., "CountNet3D: A 3D Computer Vision Approach to Infer Counts of Occluded Objects," 2023 IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), Waikoloa, HI, USA, 2023, pp. 3007-3016, doi: 10.1109/WACV56688.2023.00302.

Employment

Delicious AI

- Machine Learning Intern/ Research Assistant

Summer 2021 - Spring 2022

Enzy

- Machine Learning Engineer
- Computer vision for restaurant environment understanding (Cafe Rio)

Fall 2022 - Winter 2023

Park City Big Mountain Ski School

- Ski Instructor

Winter 2021-2022

Grants

- Undergraduate Research Opportunity program recipient (UROP)
- Applied for the NSF GRFP fellowship, Fall 2023

Volunteer

Bolt Ranch

- Herded, vaccinated, branded, and maintained cattle
- Created website and logo for Bolt Ranch Store

2020 - Current

Hope Clinic

- Spanish translator for Doctors

Summer 2019

Missionary Service El Salvador/ Belize

- Served with the people while managing mission finances for 180 missionaries, wrote scripts to coordinate finances
- Fluent in Spanish

2017-2019