

CARTER SWARTOUT

Seattle, WA

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EDUCATION

B.S. Computer Science, Incomplete, University of Washington, STARS September 2021 - December 2024

- Coursework: Deep Learning, Graduate Machine Learning, Graduate Natural Language Processing, ML Systems, AI, DSA, Modern Algorithms, Software Entrepreneurship, Computer Vision, Autonomous Robotics
- Taking a leave of absence after finishing my CS requirements to join Palantir early

EXPERIENCE

Software Engineer, Incoming February 2024
Palantir *Seattle, WA*

Technical Intern September 2024 - December 2024
University of Washington Hyak (HPC) *Seattle, WA*

- Testing multinode distributed LLM training on Hyak, UW's research supercomputer
- Leading a university-wide workshop on machine learning basics for research

Researcher - MultiHopQA Project March 2024 - December 2024
AI Directed Research Group, University of Washington Information School *Seattle, WA*

- Creating a multi-hop, question-answering dataset using large-scale knowledge graphs

Software Development Engineer Intern June 2024 - August 2024
Amazon Web Services, Parallel Computing Service *Seattle, WA*

- Developed and owned a beta-requested feature to efficiently delete hierarchical HPC resources
- Assisted the launch of AWS PCS through reducing development pain points in onboarding and documentation

Interactive Intelligence VP September 2022 - September 2024
Interactive Intelligence, University of Washington RSO *Seattle, WA*

- Developed a comprehensive 12-week course on deep learning and neuroscience for UW and other universities
- Taught and assisted over 100 students in I2's course, lecturing on transformers, NLP, and ML

Researcher - LLM Bias Project September 2023 - January 2024
SCALE Lab, University of Washington Information School *Seattle, WA*

- Created an NLP bias classification pipeline with LLMs using UW's HYAK, Azure, and Hugging Face

Food Bank Volunteer September 2020 - September 2021
Port Townsend Food Bank *Port Townsend, WA*

- Ensured food support for community during the pandemic through volunteering and writing on their behalf

Congress-Bundestag Youth Exchange Ambassador September 2019 - April 2020
U.S. Department of State *Aachen, Germany*

- Awarded scholarship to represent the U.S. in Germany for a year with the U.S. Department of State

PROJECTS & ACTIVITIES

Writing Writing blog posts and notes on AI, Deep Learning, and UW courses at cswartout.com

Bobby: Home Assistant, CSEED Buildspace Created a modular home assistant during CSEED's Buildspace

Turing Tweets Built a game where users must differentiate between real and finetuned GPT-2 tweets

Subreddit Simulator Finetuned GPT-2 on Reddit to simulate communities, filtered responses with BERT classifiers