

Carson Ellis

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Education

University of Michigan

Ann Arbor, MI

Bachelor of Engineering, Computer Science

May, 2024

ML/AI Courses: Conversational AI, Human-Centered ML, Deep Learning, Intelligent

Programming Systems, Programming Languages, Computer Vision, Operating Systems

Experience

Michigan AI Safety Initiative

Ann Arbor, MI

Organizer

Fall 2023-24

Led weekly meetings about current events and AI Safety.

Raised funds and organized reading groups, guest speakers, and social events.

Facilitated AI Safety, Alignment and Governance reading groups.

Michigan Institute for Data Science

Ann Arbor, MI

Student Organization Committee Member

Fall 2023-24

Created a communication pathway for students interested in data science and AI safety.

Product Development Simulation Facilitator

April 2024

Facilitated a product development ethics simulation with a large group.

Northern Tier High Adventure Program

BWCAW, MN

Canoe Guide Trainer

May of 2024

Trained a group how to lead canoe trips into the remote wilderness

Canoe Wilderness Guide

Summer of 2023

Educated participants about wilderness survival and enabled self-sufficiency.

Office Clerk and Permit Signer

Summer of 2023

Provided excellent customer service to future and present program participants.

Eagle Scout

2018-Present

Technical Skills

Python, C/C++, PyTorch, TensorFlow, Deep Learning, Transformers, Writing.

Projects

Predicting College Football Win Percentage Shifts Using Live Reddit Comments

Writing, Training, and Interpreting a Vision Transformer

Program Synthesis with GPT-Guided Search

Determining Reddit User Affiliation Using Comment Analysis

LLM-Based Multilingual Vocabulary and Phrase Flashcard Generator