

Contact

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lin-887755195 (LinkedIn)
donaldlin30.github.io/ (Portfolio)

Top Skills

TensorFlow
Reinforcement Learning
PyTorch

Languages

English (Native or Bilingual)
Mandarin (Native or Bilingual)

Certifications

Supervised Machine Learning:
Regression and Classification
Deep Learning in Python
TensorFlow in Python

Honors-Awards

R. Craig and Sheila Yoder Applied
Research Fellowship

Xin (Donald) Lin

Incoming PhD student @UMich CSE | AI + Healthcare | Current
@Davidson College
Ann Arbor, Michigan, United States

Summary

I am a fourth year undergraduate student, double majoring in computer science and mathematics. I have a broad interest in AI for social good, and I am looking forward to starting my PhD in computer science in fall 2024 at the University of Michigan.

For more info, please visit my academic portfolio:
<https://donaldlin30.github.io/>

Experience

Facility for Rare Isotope Beams (FRIB)
Reinforcement Learning Research Assistant
May 2022 - August 2022 (4 months)

- Created customized Reinforcement Learning (RL) environments to optimize tuning of hundreds of magnets in the particle accelerator
- Extended OpenAI Gym with PyTorch randomization to facilitate robust testing of RL environments
- Proved RL's potential to streamline the traditional process of extensive trial and error by achieving a solution within a 0.04% gap to optimal

Education

University of Michigan
Doctor of Philosophy - PhD, Computer Science · (2024 - May 2029)

Davidson College
Bachelor of Science - BS, Mathematics and Computer Science · (September 2020 - May 2024)

Hangzhou No.2 High School
High School Diploma · (August 2017 - May 2020)