ANNIE FENG

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EDUCATION

Massachusetts Institute of Technology   *Sep 2019 - December 2024*
Master of Engineering in Electrical Engineering and Computer Science   GPA: 4.6 / 5.0
Concentration in Artificial Intelligence
Thesis: Large Language Models for Exploration in Relational Reinforcement Learning
Bachelor of Science in Electrical Engineering and Computer Science   GPA: 5.0 / 5.0
Georgia Institute of Technology   *Sep 2017 - May 2019*
Dual-Enrollment in High School   GPA: 4.0/4.0
Courses: Number Theory, Linear Algebra, Multivariable Calculus, Applied Combinatorics

PROFESSIONAL EXPERIENCE

AI Software Intern, DriveIX, NVIDIA   *Jun 2024 - Sep 2024*
I worked on a new feature handling new Kinect data in the data processing pipeline end-to-end, and
introduced data quality features on the data collection software such as a video player and rating app.
Recommendations from my engineering manager and senior engineer mentors available upon request.
Graduate Teaching Assistant, MIT EECS   *Sep 2023 - Dec 2023*
I held office hours and recitations, and helped run a class about AI representations, inference, and
planning with 70+ students.
AI Software Intern, DriveIX, NVIDIA   *Jun 2023 - Sep 2023*
AI Software Intern, DriveIX, NVIDIA   *Jun 2022 - Sep 2022*

PUBLICATIONS

Mobile Robotic Platform for Contactless Vital Sign Monitoring
In *Cyborg and Bionic Systems, 2022*.
**Assessment of the Acceptability and Feasibility of Using Mobile Robotic Systems for
Patient Evaluation**
In *JAMA Network Open, 2021*.
Personalized Radiation Attenuating Materials for Gastrointestinal Mucosal Protection
In *Advanced Science, 2021*.

SKILLS

Programming Languages and Frameworks
Proficient in Python, Linux, bash (5+ years)
Experienced in C++, Typescript, Pytorch, Django, SQL, React, ROS[2], NVIDIA Jetson, CAD, 3D-
printing
Familiar in RISC-V, C, Java
Languages
English (native U.S. citizen, fluent), Mandarin Chinese (limited)

AWARDS AND SCHOLARSHIPS

Tau Beta Pi Honor Society   *2022*
Eta Kappa Nu Honor Society   *2022*
Emerson/Harris Piano Scholarship , MIT   *2019*

OPEN-SOURCE CONTRIBUTIONS

PDDLGym
I contributed code to this library that I'm using for my master's thesis work.