Xuyang Wang
William

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Experience

2023 June - August
Emotibot - Shanghai
Algorithm Intern
- Managed to recommend learning content using Python in an English learning app.
- Tested and debugged an English learning app on IOS.
- Customized prompt for large language model to serve different users to provide service such as teaching, testing, Interview, and scoring.
- Modified training data and train a language model with Qlora to provide customer service for Emotibot

2019 July – August
360 Artificial Intelligence Research Institute (Java/Python) - Beijing
Intern
- Learned about research directions in the Institute, such as intelligent driving, machine learning, speech recognition, and basic algorithm.
- Practiced with deep learning and machine learning basics.
- Made data module and analyzed data under the engineer's instructions.
- Learned Python language and understood how to use machine learning and data analyzing to solve the real problems Researcher.

Projects

Reinforcement Learning of Strategy Shooting
- Built environment and set reward function with openAI gym.
- Structured a DQN network using torch to help agents to make decisions.
- Hyperparameter tuned the model on different reward functions, learning rate, epsilon, etc.
- [Github Link](#)

Multitask reinforcement learning AI
- Visualized the training result of existing model.
- Finetuned the model by finding when in the training process the model's policy would fall out of its desire distribution (Detecting Out of Distribution).
- Found a correct measure and threshold for the Out of Distribution distances.
- [Github Link](#)

Education

BS Computer Science & Data Science
New York University Center for Data Science
May 2025
New York, NY
GPA:3.77

Skills

- C, C#, Java, Python, Ruby, Web Driver, SQL
- Machine learning, Data visualization, Data Analysis
- Sklearn, Torch, Tensorflow
- Data base design, big data analysis
- Unity, Blender, Adobe Photoshop

Relevant Courses

- Basic Algorithm
- Computer System Organization
- Advanced Data Science
- Responsible Data Science
- Data Structure
- Processing Big Data
- Machine learning
- Probability