

PYTORCH CONFERENCE 2024: MY EXPERIENCE

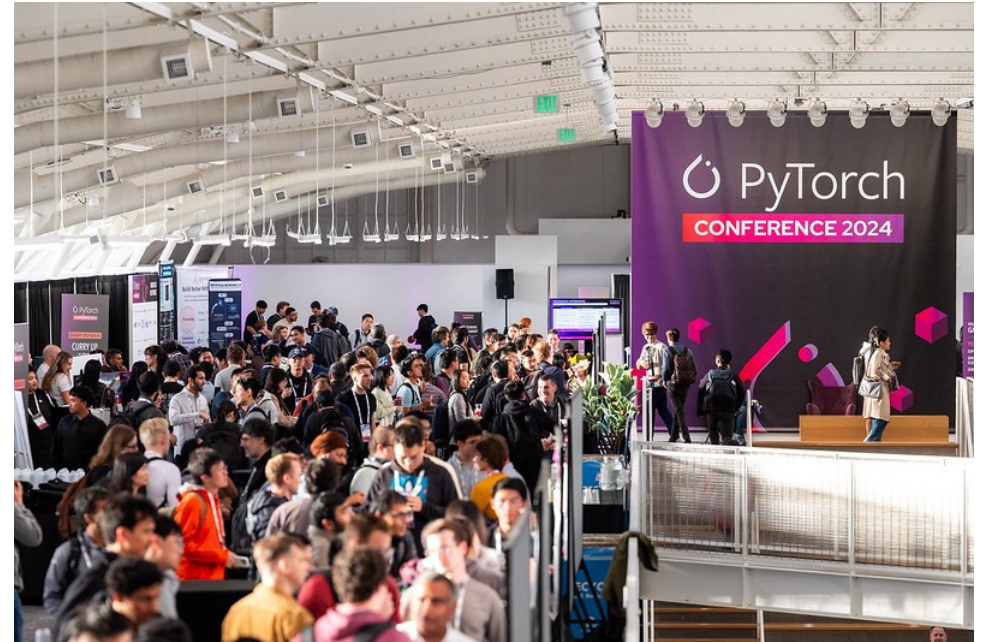
Introduction

The 2024 PyTorch Conference took place in San Francisco, California, from September 18-19, 2024.



Who attended the conference?

AI & Software Architects, Data Scientists, Research Scientists, AI/ML/DL Engineers, Systems & Software Engineers, PhD Students, Professors and more



Why did I attend the conference?

PyTorch has become the ultimate framework for building AI models. I attended this conference to learn more about this powerful tool, engage with the PyTorch community, and network simultaneously. In a world driven by AI, staying ahead of the curve is essential, and this conference provided exactly what I needed to gain valuable knowledge.

My first day at the conference

By the time I arrived at the conference, my body was filled with emotions. I was excited and full of energy, but also a little bit scared as I was about to spend time with experts from the PyTorch community.



Three interesting talks I attended (1)

- Enabling Generative AI on the Edge from Cormac Brick, Principal Engineer, Core Machine Learning Software, Google.
- Generative AI is now being deployed on edge devices, enabling AI-powered applications that respond instantly, enhance privacy by processing data locally. This talk explored the latest advancements in edge-based generative AI, highlighting how the PyTorch ecosystem is facilitating the creation, optimization, and deployment of these models across various devices.

Three interesting talks I attended (2)

- Talk was by Aaron Gokaslan from Cornell University, titled "The Impact and Challenges of Open Source Generative Datasets and Models."
- He discussed the increasing restrictions on open models and data, which could hinder researchers and industry experts, but emphasized that high-quality work is still possible with smaller, well-curated datasets. He also highlighted the use of another version of PyTorch in their work.

Three interesting talks I attended (3)

- Debiasing the data Lifecycle from Shailvi Wakhlu, Founder, Shailvi Ventures LLC
- Biased data leads to biased decision-making, so it's crucial for data scientists to actively work to prevent biases throughout the data lifecycle. This talk covered the stages of the data lifecycle, common sources of bias, and strategies for proactively preventing and correcting them.

The funny part: Networking

I enjoyed the most networking with experts and I absolutely loved it.

Here is a picture of me and one of the Co founder of “arm”



I met a SWE at Meta and a Ventura at Collibra



5 different continents represented, amazing



Conclusion

The 2024 PyTorch conference was one of the best meetups I've attended this year. It was truly informative, well-organized, and a lot of fun. I love how the PyTorch community is working hard to help everyone stay at the forefront of this cutting-edge technology. I'm already looking forward to the 2025 conference.