

# Model Parallelism

## Instructor

Sourab Mangrulkar

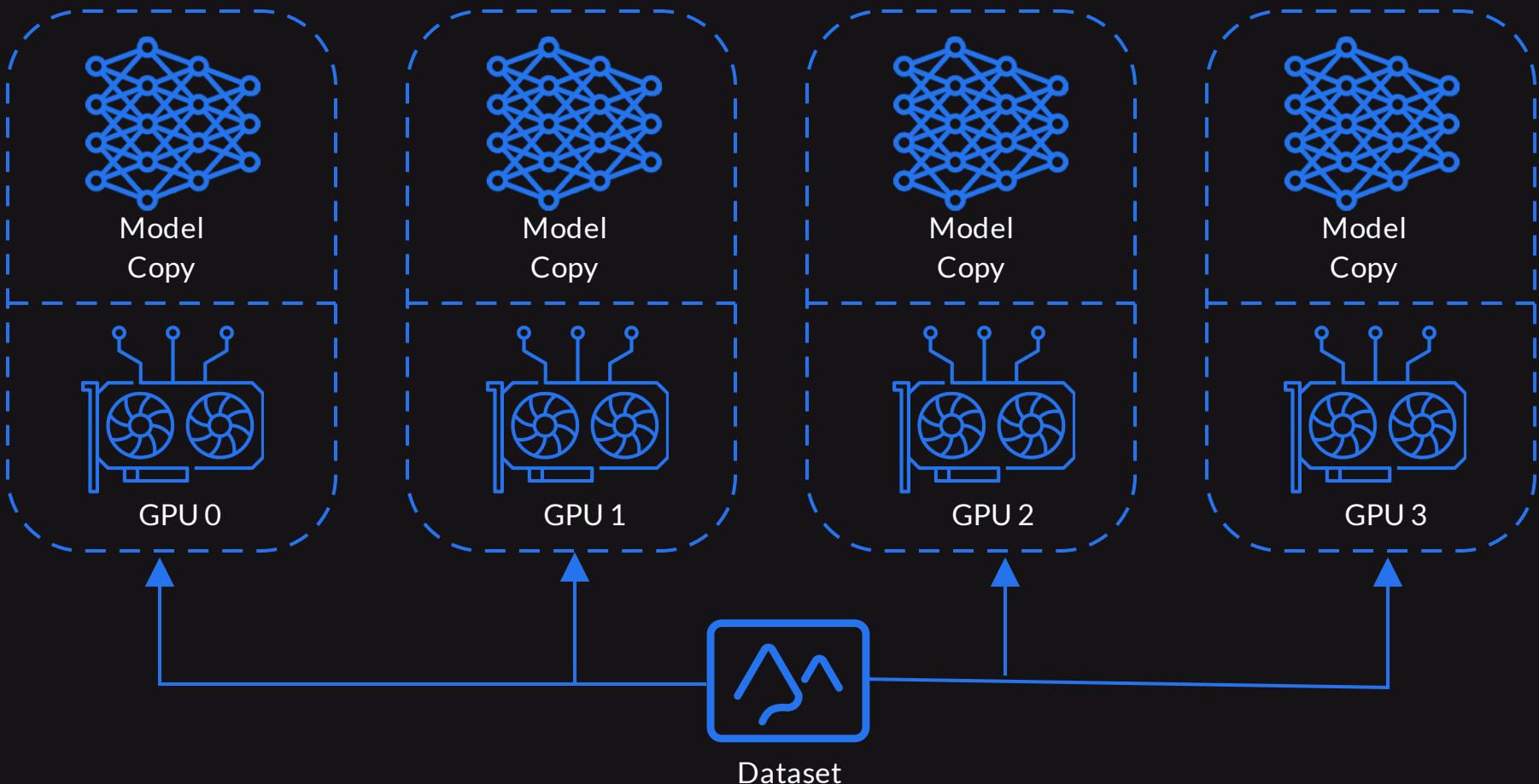
Machine Learning Engineer at

Creator of PEFT



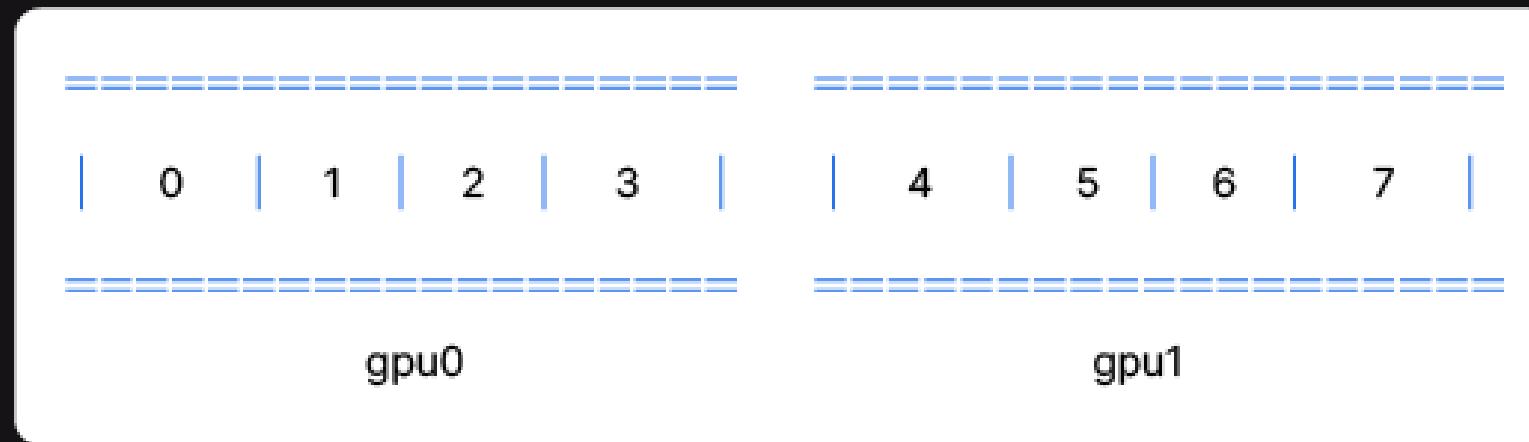
# Challenges with Data Parallelism

Memory Inefficient



# Model Parallelism

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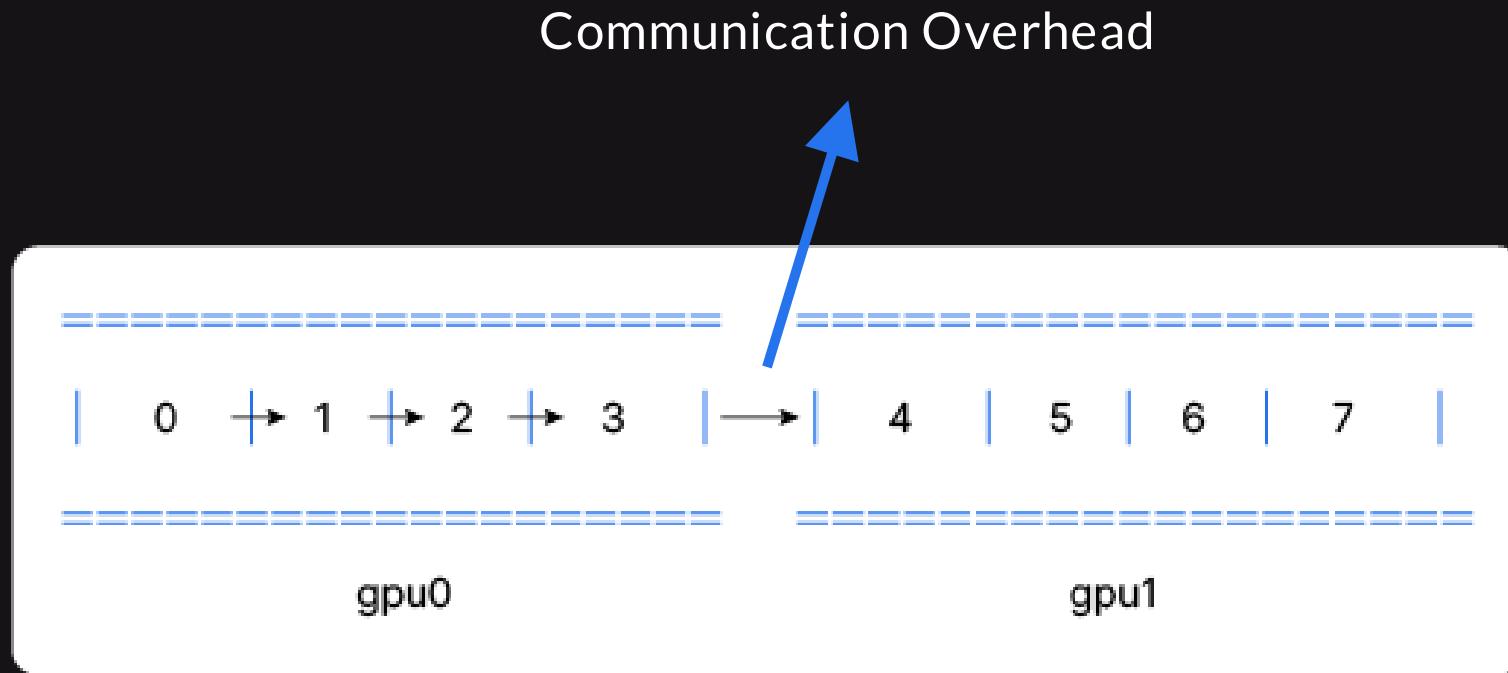


# Model Parallelism

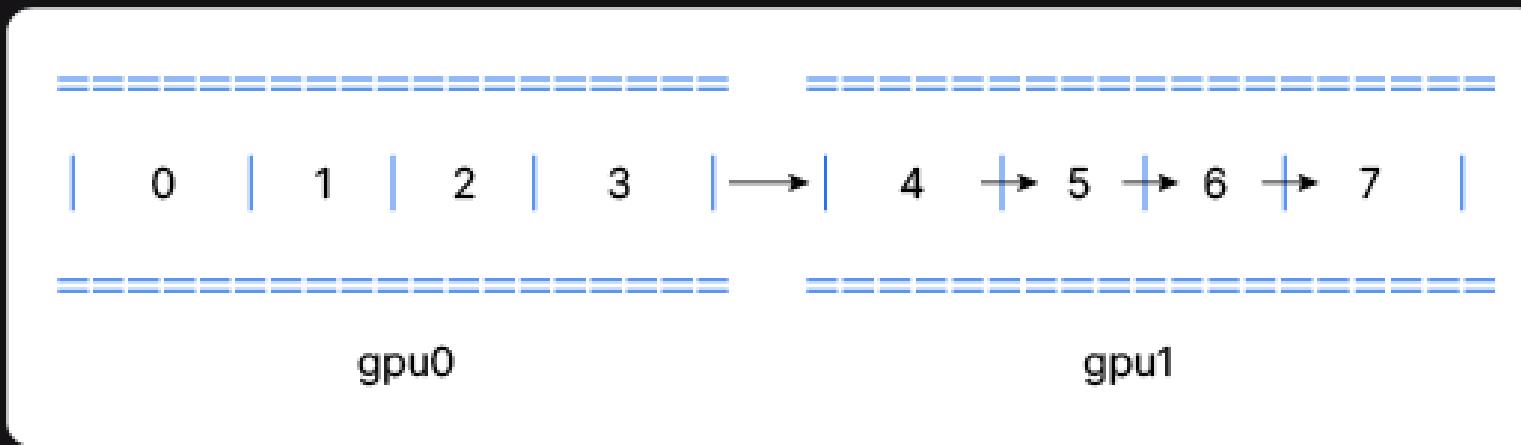


Forward Pass During Model Training Process

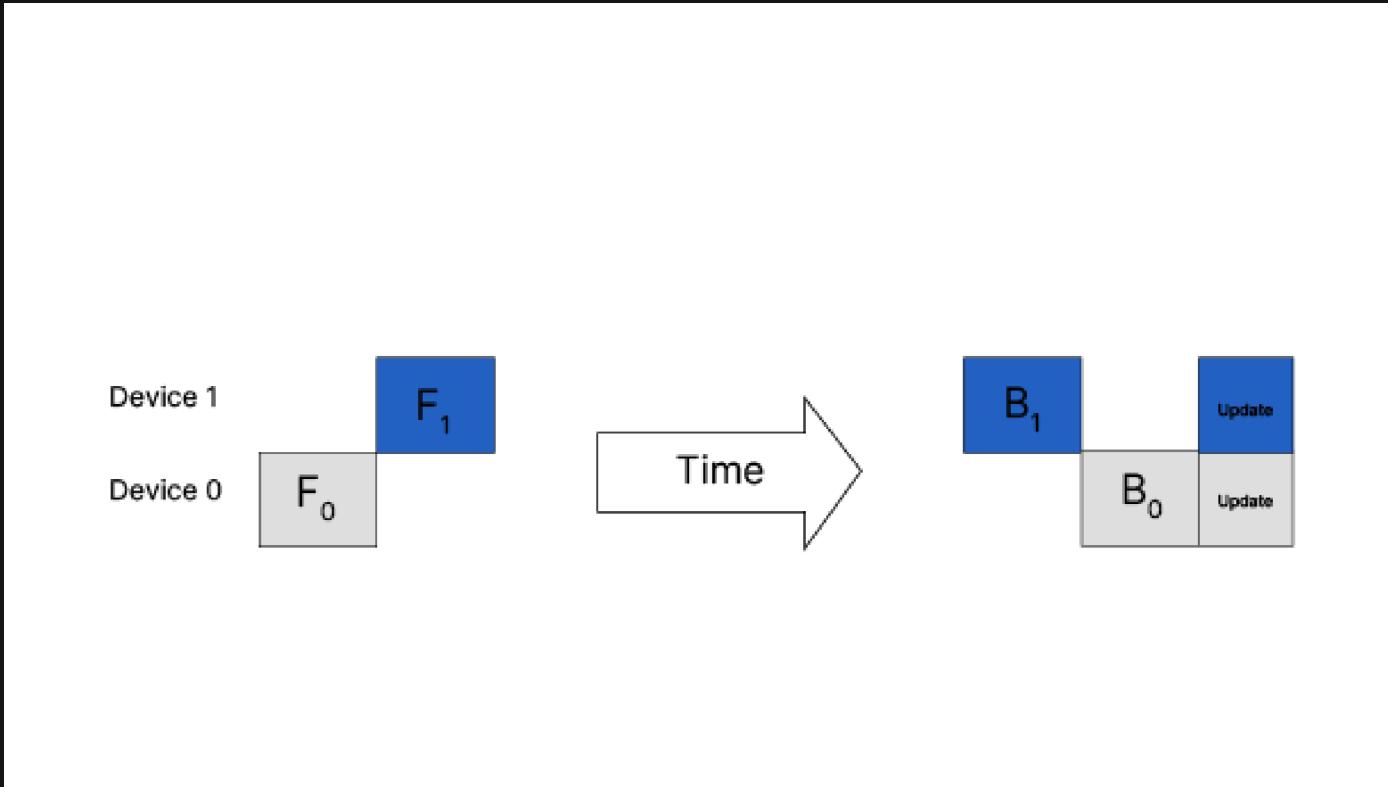
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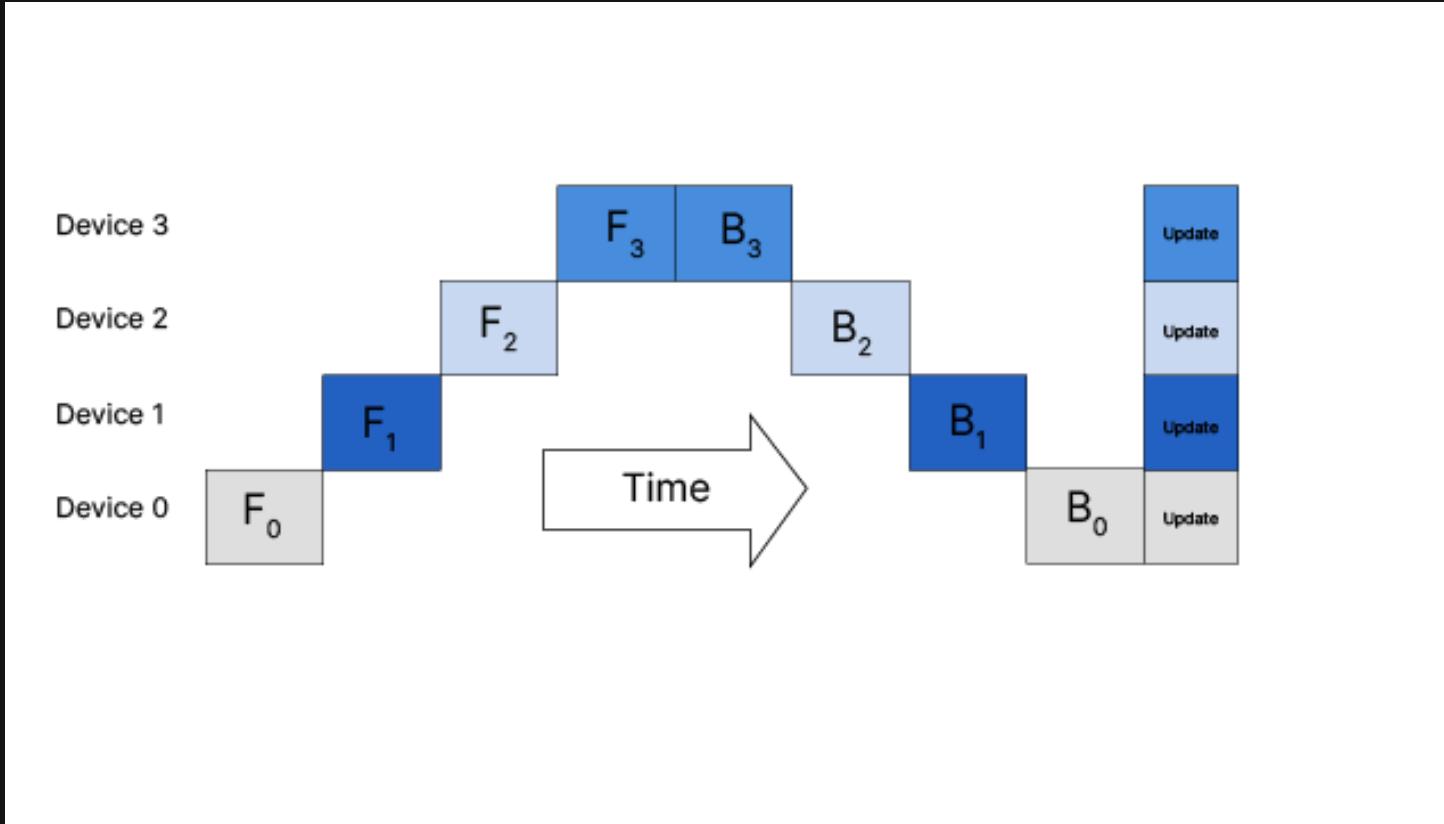
# Model Parallelism



# Model Parallelism



# Model Parallelism



# Thank You

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