

New to developing PyTorch? We've got you covered.

Unit 1: PyTorch Basics

- Developer Environment Setup
- PyTorch Workflow Cheatsheet
- Learn about where and how PyTorch is used

Unit 2: Tensors, Operators, and Testing

- Tensor and Operator Basics
- [\[\[Running and writing tests|Running-and-writing-tests\]\]](#)
- Tensor Views Lab

Unit 3: Autograd

- Autograd basics
- Autograd Lab

Unit 4: Dispatcher, Structured Kernels, and Codegen

- [\[\[Dispatcher and Python bindings|PyTorch-dispatcher-walkthrough\]\]](#)
- Codegen and Structured Kernels
- Dispatcher and Structured Kernels Lab

Unit 5: torch.nn

- [\[\[nn|nn-Basics\]\]](#), [\[\[C++|Cpp-API-Quick-Walkthrough\]\]](#)
- Modules Lab

Unit 6: CUDA basics

- [\[\[CUDA-basics\]\]](#)
- CUDA Perf Lab (internal-only)

Unit 7: Data (Optional)

- [\[\[Data|Data-Basics\]\]](#)
- Data Lab (internal-only)