# **2016**

# **The Flame Graph: This visualization of software execution is a new necessity for performance profiling and debugging.**

<https://dl.acm.org/doi/10.1145/2927299.2927301>

**TensorFlow: A system for large-scale machine learning**

https://dl.acm.org/doi/abs/10.1145/2951913.2976746

**2019**

**PyTorch: An Imperative Style, High-Performance Deep Learning Library**

<https://dl.acm.org/doi/10.5555/3454287.3455008>

# **2020**

# **Scalene: Scripting-Language Aware Profiling for Python**

<https://arxiv.org/abs/2006.03879>

<https://deepai.org/publication/scalene-scripting-language-aware-profiling-for-python>

# **Skyline: Interactive In-Editor Computational Performance Profiling for Deep Neural Network Training**

<https://dl.acm.org/doi/10.1145/3379337.3415890>

# **2021**

# **Toward efficient interactions between Python and native libraries**

<https://dl.acm.org/doi/10.1145/3468264.3468541>

# **2022**

# **Triangulating Python Performance Issues with Scalene**

<https://ui.adsabs.harvard.edu/abs/2022arXiv221207597B/abstract>