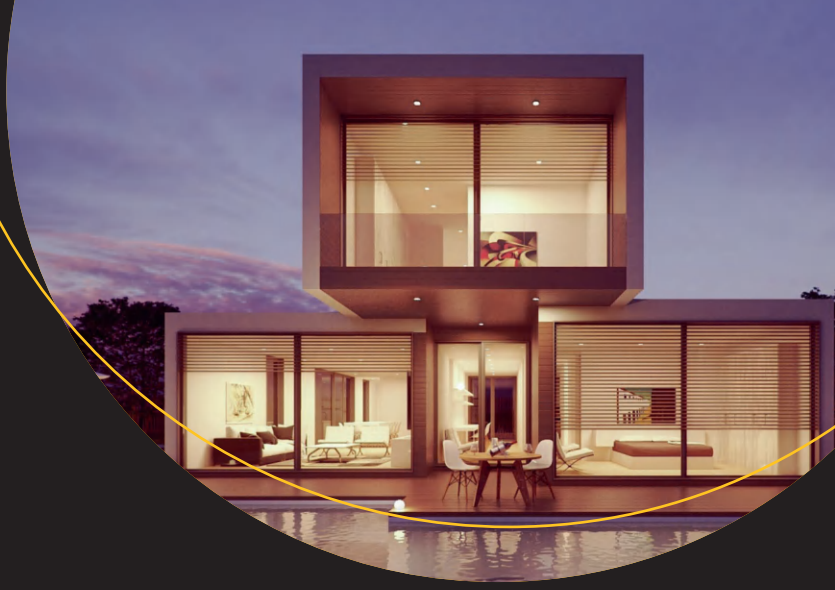

Building Large Language Models from Scratch

Design, Train, and Deploy LLMs with PyTorch

—

Dilyan Grigorov

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*To the **University of Bath**, where ideas flourish and boundaries are meant to be pushed. Within these walls, I found not just a place to study but a home where curiosity is celebrated and ambitious dreams are nurtured into reality.*

*To **Dr. Harish Tayyar Madabushi**, my supervisor, mentor, and guide through the intricate world of language models. Your unwavering belief in my potential gave me the courage to tackle challenges I once thought insurmountable.*

To my son and my family!
With profound gratitude and warmest regards.

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