



The left graph displays a 0.0160 training loss and 0.3700 validation loss; the right displays a 99.54% training accuracy and 94.56% validation accuracy.

	precision	recall	f1-score	support
air_conditioner	0.97	0.99	0.98	200
car_horn	0.99	0.94	0.96	85
children_playing	0.91	0.89	0.90	200
dog_bark	0.91	0.91	0.91	199
drilling	0.95	0.95	0.95	200
engine_idling	0.98	0.97	0.97	200
gun_shot	0.99	0.97	0.98	75
jackhammer	0.96	0.98	0.97	200
siren	0.97	0.96	0.96	186
street_music	0.88	0.90	0.89	200
accuracy			0.94	1745
macro avg	0.95	0.95	0.95	1745
weighted avg	0.95	0.94	0.95	1745

	air_conditioner	car_horn	children_playing	dog_bark	drilling	engine_idling	gun_shot	jackhammer	siren	street_music
air_conditioner	198	0	0	0	0	0	0	0	0	2
car_horn	0	80	0	0	0	1	0	0	0	4
children_playing	0	0	178	9	1	2	0	0	1	9
dog_bark	0	0	8	182	2	0	1	1	1	4
drilling	1	0	1	0	190	0	0	7	0	1
engine_idling	0	0	1	2	0	194	0	1	0	2
gun_shot	0	0	0	2	0	0	73	0	0	0
jackhammer	0	0	0	0	3	0	0	196	0	1
siren	0	0	1	4	0	1	0	0	178	2
street_music	5	1	6	1	3	0	0	0	4	180

RALCT classified only 96 of 8,721 audio files incorrectly, or as another interpretation, 98.90% of all files correctly.