1D convolutions on characters

	_	c	a	t	_	r	u	n	s	_

One-hot encoded characters, length ~70

_	c	a	t	_	r	u	n	s	_
0	0	**1**	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	**1**	0	…	0	…	…	…	…	0
…	…	…	**1**	…	**1**	**1**	**1**	**1**	…
0	0	0	…	0	…	…	…	…	0

Filter #1

0.4	0.8	0.5	0.1	0.3	0.2	0.7	0.1

Filter #2

0.5	0.1	0.4	0.2	0.3	0.9	0.1	0.8

Filter #3

0.4	0.7	0.3	0.7	0.5	0.5	0.9	0.4

~1024 filters   What's next? Let's add pooling!