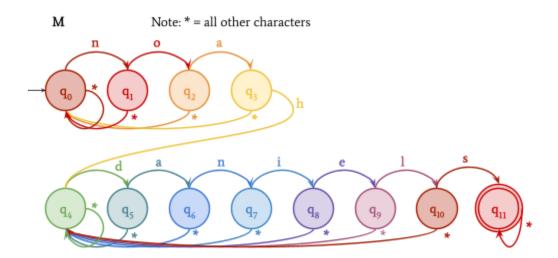
## DFA Graph 'M' That Recognizes 'L' Using Name 'Noah Daniels'



M = (Q,  $\Sigma$ ,  $\delta$ , q<sub>0</sub>, F), where:

- $Q = \{q_0, q_1, ..., q_{11}\}$
- $\Sigma = \{a, b, c, ..., z\}$
- $F = \{q_{11}\}$
- δ =

_																										
	a	Ъ	C	d	е	f	g	h	i	j	k	l	m	n	0	р	q	r	s	t	u	v	w	x	у	z
q0	ql	q0																								
ql	q0	q2	q0																							
q2	q3	q0																								
q3	q0	q4	q0																							
q4	q4	q4	q4	q5	q4																					
q5	q6	q4																								
q6	q4	q7	q4																							
q7	q4	q8	q4																							
q8	q4	q4	q4	q4	q9	q4																				
q9	q4	q10	q4																							
q10	q4	qll	q4																							
qll																										

NOTE: colored boxes indicate that the state progresses onto the next state because the next necessary character was input. White boxes indicate that the state looped back to the beginning of the first or last name, or that M already accepted