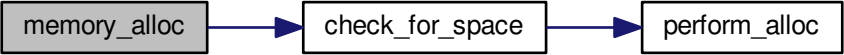


memory_alloc



```
graph LR; A[memory_alloc] --> B[check_for_space]; B --> C[perform_alloc];
```

A flowchart with three rectangular boxes arranged horizontally. The first box on the left is shaded gray and contains the text 'memory_alloc'. A dark blue arrow points from the right side of this box to the left side of the second box. The second box is white with a black border and contains the text 'check_for_space'. Another dark blue arrow points from the right side of the second box to the left side of the third box. The third box is white with a black border and contains the text 'perform_alloc'.

check_for_space

perform_alloc