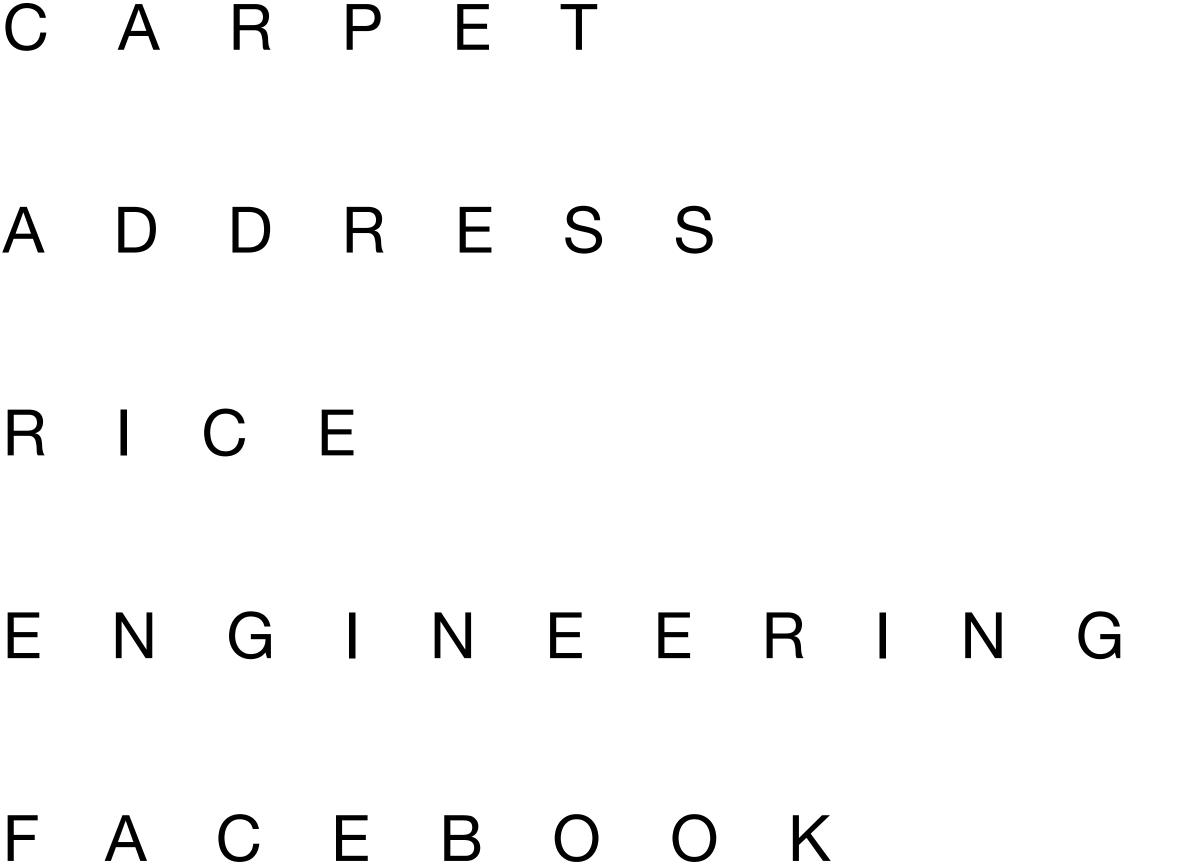


ROP Gadgets





















































ROP Gadgets

```
C A R P E T
                   = P E T
                   = D R E S S
A D D R E S S
R I C E
                   = I C E
ENGINEERING=RING
F A C E B O O K
```

Byte Shift

 We can point the RIP (x64 bit instruction pointer register) to a location that contains a micro instruction that we want to execute followed by a *RET* f7 c7 07 00 00 00 0f 95 45 c3 test \$0x0000007, %edi setnzb -61(%ebp)