



# Software Engineers Wanted

Can you tell us what foo does? Do you know how to test it?

```
bool foo(const char* s, int* r)
{
    unsigned i = 0;
    char c = '\0';
    *r = 0;
    do
    {
        c = s[i];
        if (!c) return i <= (sizeof(int) * 8);
        if (((c & ~0x1) | '0') != '0') return false;
        *r <<= 1;
        *r |= c & 0x1;
        ++i;
    }
    while (c);
    return false;
}
```

**Tuesday, 11 March**  
**@10:00 HRS**  
**Anfiteatro do CIn/UFPE**  
**Bloco A, Térreo**

B.S., M.S., and Ph.D. degrees in Computer Engineering and Computer Science  
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