

27 Nov, 2017

Helpful (13)

Front End Engineer Interview

Anonymous Interview Candidate in Menlo Park, CA (US)

■ No Offer ■ Positive Experience ■ Average Interview

Application

I applied through a recruiter. The process took 2 weeks. I interviewed at Facebook (Menlo Park, CA (US)) in August-2017.

Interview

Skype interview

Interview Questions

Given input:

```
// could be potentially more than 3 keys in the object above
```

```
items = [  
  {color: 'red', type: 'tv', age: 18},  
  {color: 'silver', type: 'phone', age: 20}  
  ...  
]
```

```
excludes = [  
  {k: 'color', v: 'silver'},  
  {k: 'type', v: 'tv'},  
  ....  
]  
function excludeItems(items, excludes) {  
  excludes.forEach(pair => {  
    items = items.filter(item => item[pair.k] !== item[pair.v]);  
  });  
  return items;  
}
```

1. Describe what this function is doing...
2. What is wrong with that function ?
3. How would you optimize it ?

↳ [12 Answers](#)



Helpful (13)

17 Nov, 2016

Helpful (25)

Front End Engineer Interview

Anonymous Interview Candidate in Menlo Park, CA (US)

■ No Offer ■ Positive Experience ■ Difficult Interview

Application

I applied through a recruiter. The process took 2+ months. I interviewed at Facebook (Menlo Park, CA (US)) in October-2016.

Interview

I applied through a recruiter who contacted me in September. She was nice and we booked a Phone/Screen coding interview.

They are using CoderPad for these. This first interview consisted of 3 questions, they all seemed pretty easy and then the interviewer asked for edge cases, a bit more challenging but nothing

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```
const items = [ { color: 'red', type: 'tv', age: 18 } ];
```

```
const excludes = [ { k: 'color', v: 'blue' }, { k: ..., v: ... } ];
```

```
const exclude = (items, excludes) => {
```

```
  const query = excludes.reduce(
    (acc, cur) => {
```

```
    const { k, v } = cur;
```

```
    if (!(k in acc)) acc[k] = new Set();
```

```
    acc[k].add(v);
```

```
  }, return acc;
```

```
  {}
```

```
);
```

```
{ color: [ 'blue' ],
  type: [ ... ] }
```

```
return items.filter(item => {
```

```
  for (const key in query) {
```

```
    if (!(key in item) || query[key].has(item[key])) {
```

```
      return false;
```

```
    }
```

```
  }
```

```
  return true;
```

```
}
```

```
}
```

