

Interviewee: [REDACTED]

No undergraduate degree

Software Developer - Integration Engineer at [REDACTED]

JS experience: 3,5 years

Other languages: Dart, Python, Lua, Go, C++, C#

Develops new modules and maintains existing modules

JS Pros: Makes it easier/faster to develop new functionality. Makes code easy to understand, assuming you have some experience.

JS Cons: Abstracts away too many important things. Developers who have started programming in JS might miss out on lower level aspects. Examples: garbage collection, memory management, processor management.

Does JS lead to code that is hard to understand? Yes, but it depends a lot on the level of the developer. **He believes any pair (developer, language) can lead to code that is hard to understand.** But JS abstractions make it easier to happen.

Any particular JS construct that might be particularly confusing? Asynchronous programming. Promises, async/await, especially if they have already used 'synchronous' programming languages. Note here: **JS is SYNCHRONOUS!** Its 'asynchronous' appearance is due to a design pattern that lies at the core of the language, called **Event Loop**

Atom	Preferred version
Arithmetic as Logic	Without atom
Assignment as Value	Without atom
Automatic Semicolon Insertion	Without atom
Comma Operator	Without atom
Ternary operator	With atom
Implicit predicate	Without atom
Logic as Control Flow*	Without atom
Omitted Curly Braces and Indentation	Without atom
Post Increment	Without atom
Pre Increment	With atom

*Personally indifferent, but thinks newer developers will have a tougher time reading side A

Any important remarks about JS? “Eu acho que o JS é uma linguagem muito poderosa, e muitas vezes é a porta de entrada de muitas pessoas dentro do mundo da programação, e eu acho muito importante que a gente tenha ferramentas fáceis e acessíveis.” He thinks JS and/or Python might be easier to learn how to program than C, C++ in the beginning. He

thinks JS is very powerful, since you can program in front end, back end, mobile (note: even raspberry pi and other embedded systems). This makes it very important for the market as well. New tools are often being developed. Community is strong. ECMAScript does a good job updating the language.