

# Successful Software Engineers

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What do these names have in common  
and why aren't I in the list?

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> Scott Bale  | <input type="checkbox"/> Bob Lee     |
| <input type="checkbox"/> Jeff Brown  | <input type="checkbox"/> Mike McCray |
| <input type="checkbox"/> Eric Burke  | <input type="checkbox"/> Alex Miller |
| <input type="checkbox"/> James Carr  | <input type="checkbox"/> Adam Mitz   |
| <input type="checkbox"/> Kyle Cordes | <input type="checkbox"/> Bill Odom   |
| <input type="checkbox"/> Ryan Dahl   | <input type="checkbox"/> Rob Smith   |
| <input type="checkbox"/> Tim Dalton  | <input type="checkbox"/> Alex Stangl |
| <input type="checkbox"/> Eric Danker | <input type="checkbox"/> Guy Steele  |
| <input type="checkbox"/> Mike Easter | <input type="checkbox"/> Bob Scanlon |
| <input type="checkbox"/> Bill Edney  | <input type="checkbox"/> Ryan Senior |
| <input type="checkbox"/> Don Ellis   | <input type="checkbox"/> Rich Seibel |
| <input type="checkbox"/> Weiqi Gao   | <input type="checkbox"/> Ken Sipe    |
| <input type="checkbox"/> Rich Hickey | <input type="checkbox"/> Matt Taylor |

# Why Believe Me?

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- Despite my freakishly long name and despite what Ryan Dahl would tell you, I'm going to attempt to tell you why JavaScript DOES NOT SUCK!

# Why Some Think It Does

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- Prototypal Inheritance**
  - different from class-based inheritance, but doesn't take long to learn
- C-like syntax**
- Dynamic typing**
- Variable scoping rules** ←
- Semicolon insertion** ←
- sometimes guesses wrong; insert your own
- DOM API and inconsistent browser implementation**
  - use a library like jQuery
- One .js file cannot include another**

Use JSLint to  
catch these issues

# Great Features

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- Supported by all major browsers - language of the Web**
- Simple, familiar syntax**
- Anonymous functions**
- Closures**
- Event loop / callbacks**
- Ajax - easy browser to server communication**
- JSON - easy object serialization**
- Objects are maps - can easily add properties and methods**
- Functions are objects**
- First-class functions - store in variables, pass to & return from others**