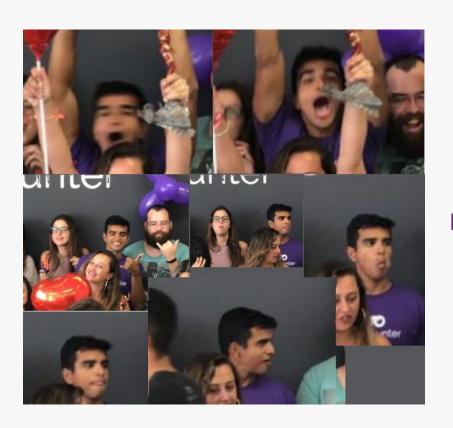


Geek Dictionary

Demystifying tech to Non-developers



Otávio Augusto

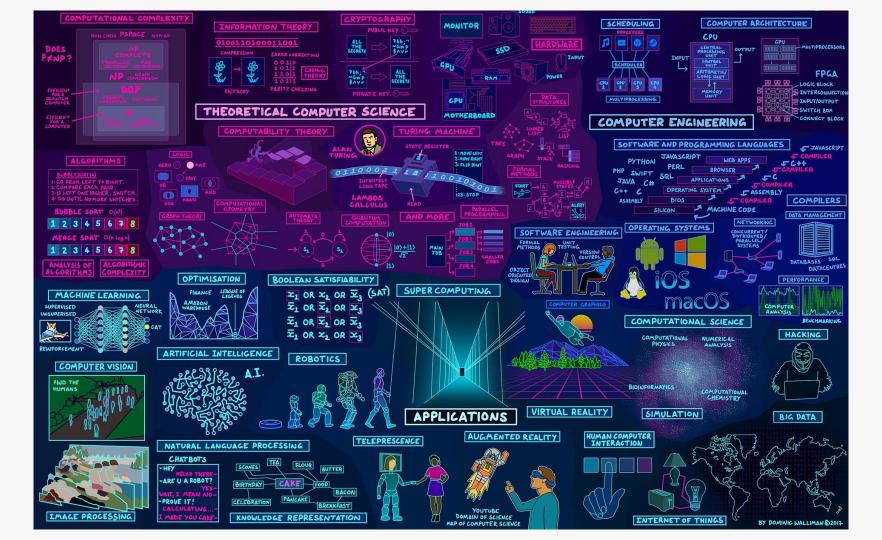
Pintor de parede

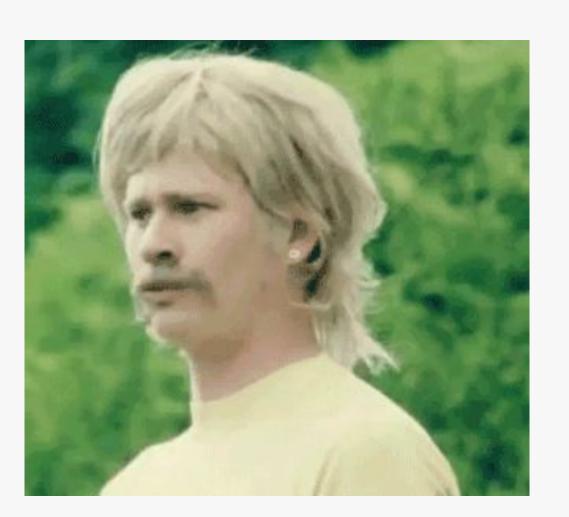
Front-End que trabalha como Full-Stack

Computer Engineer

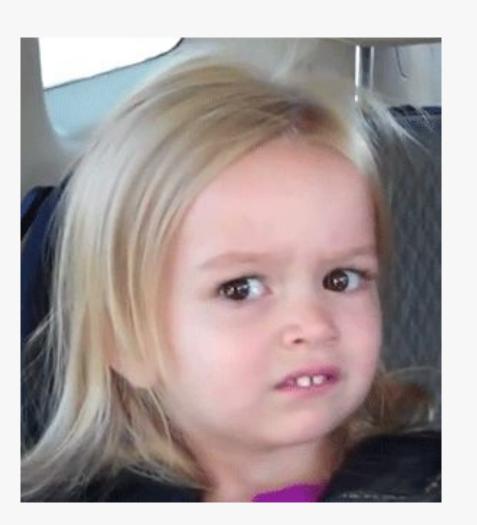
github.com/tavioalves

Google is your friend!









Keep **calm** and follow me!

Focus just at some topics

Programming

Languages*

Software

Development

Careers

Tools

Others

	Languages			
Roles	Front-End	Back-End	DevOps*	Mobile

Web

Development

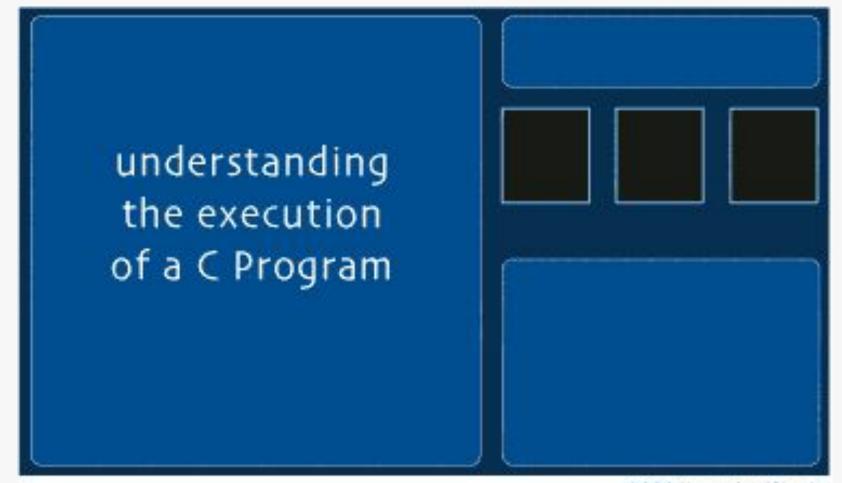
Libraries Frameworks Database

Agile Methods

First things first

Programming Languages

"is a vocabulary and set of grammatical rules for instructing a computer or computing device to perform specific tasks."



OK, now I have a doubt!

Non-Programming Languages



HTML, XML, SQL and JSON...

CSS, SASS and SCSS...



Most used - Languages

JavaScript

Java

PHP

TypeScript

Go

Ruby

Python

C++

C#

Swift

Assembly

Source: https://insights.stackoverflow.com/survey/2018/



Don't sleep, please!

Library and Framework

"Both are reusable code written by someone else. Their purpose is to help you solve common problems in easier ways."

Most used - Library

React

jQuery

Redux

NodeJS

Redux

Most used - Framework

AngularJS Tens

TensorFlow Django

Spring

.NET Core

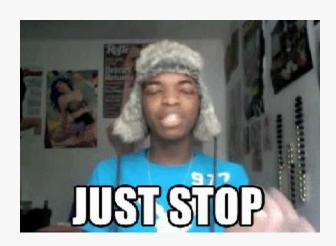
Xamarin

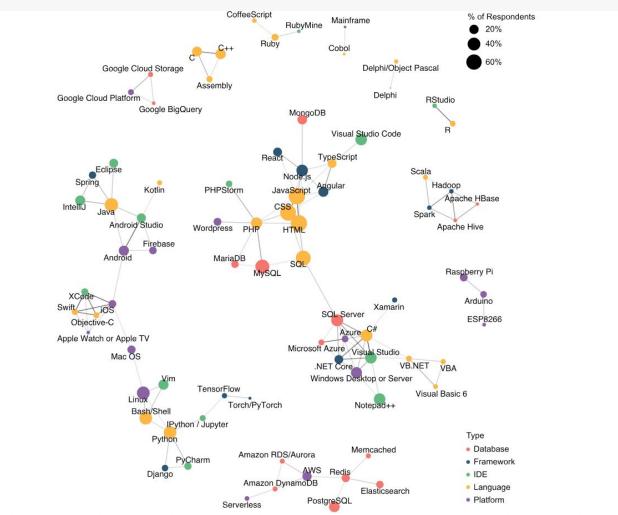
Vue.js

Laravel

ASP NET

Language != Library and Framework





Source: https://insights.stackoverflow.com/survey/2018/

Let store things!

Database

"A database is an organized collection of data, generally stored and accessed electronically from a computer system."

Most used - Database

MySQL Elasticsearch PostgreSQL

MariaDB SQL Server MongoDB

Pay attention now! More...

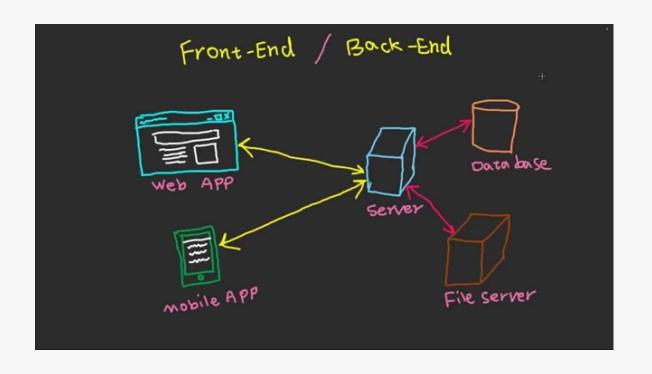
Roles

"Developers work in technologic companies. They are responsible for the design, testing and maintenance of software programs for computer operating systems or applications, or database management systems."

Front-end

Back-end

Database



DevOps*

More and more...

Software Development Careers

Paths and Careers

Web

Mobile

Games

Development*

Embedded System Desktop Network

Junior

Pleno

Senior

Tech Lead/CTO









1 ~ 2 years*

2 ~ 4 years*

5 ~ 10 years*

*

What **Senior** developers have in common?

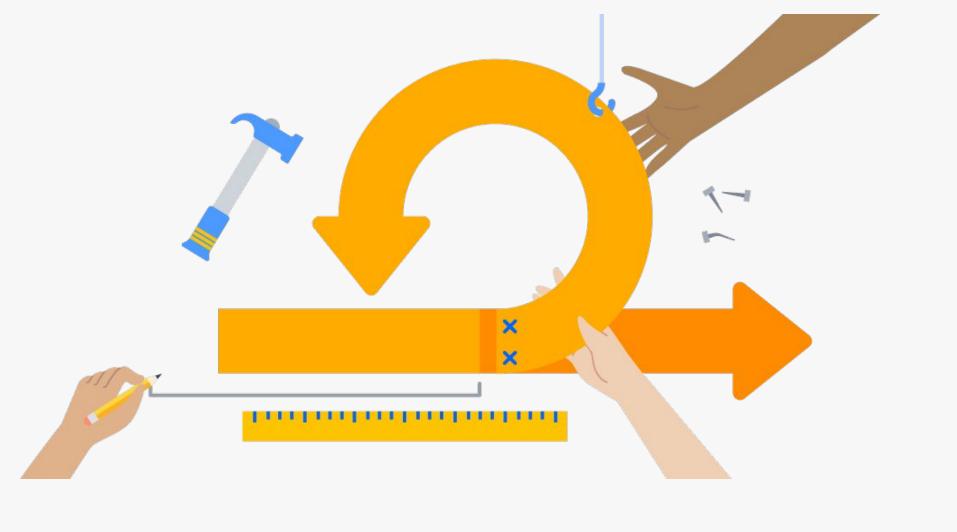
- 1. Being a **sole** programmer.
- 2. **Mentoring** and **growing** other programmers.
- 3. Navigating social and political issues **inside** an organization.
- 4. Matching technical solutions to business needs.



Be agile!

Agile Process

Scrum XP Kanban

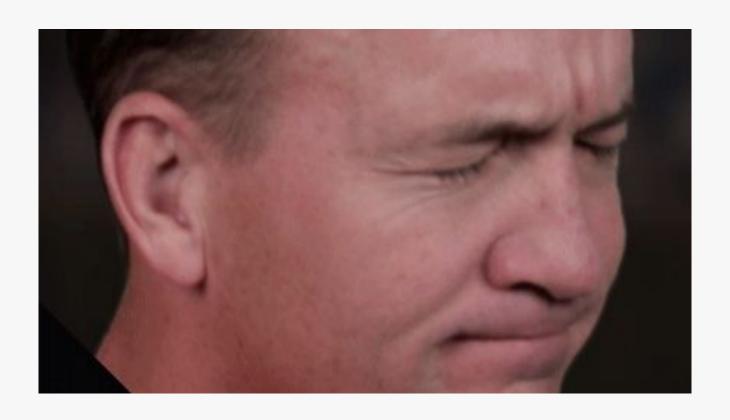




One more thing, or two, or maybe...

IDE Open Source Clean Code
Deploy UI/UX Git/Github

Doubts?!







Geek Dictionary

Demystifying tech to Non-developers