INFINUM

FRONTEND DEVELOPMENT

How to start and what to learn

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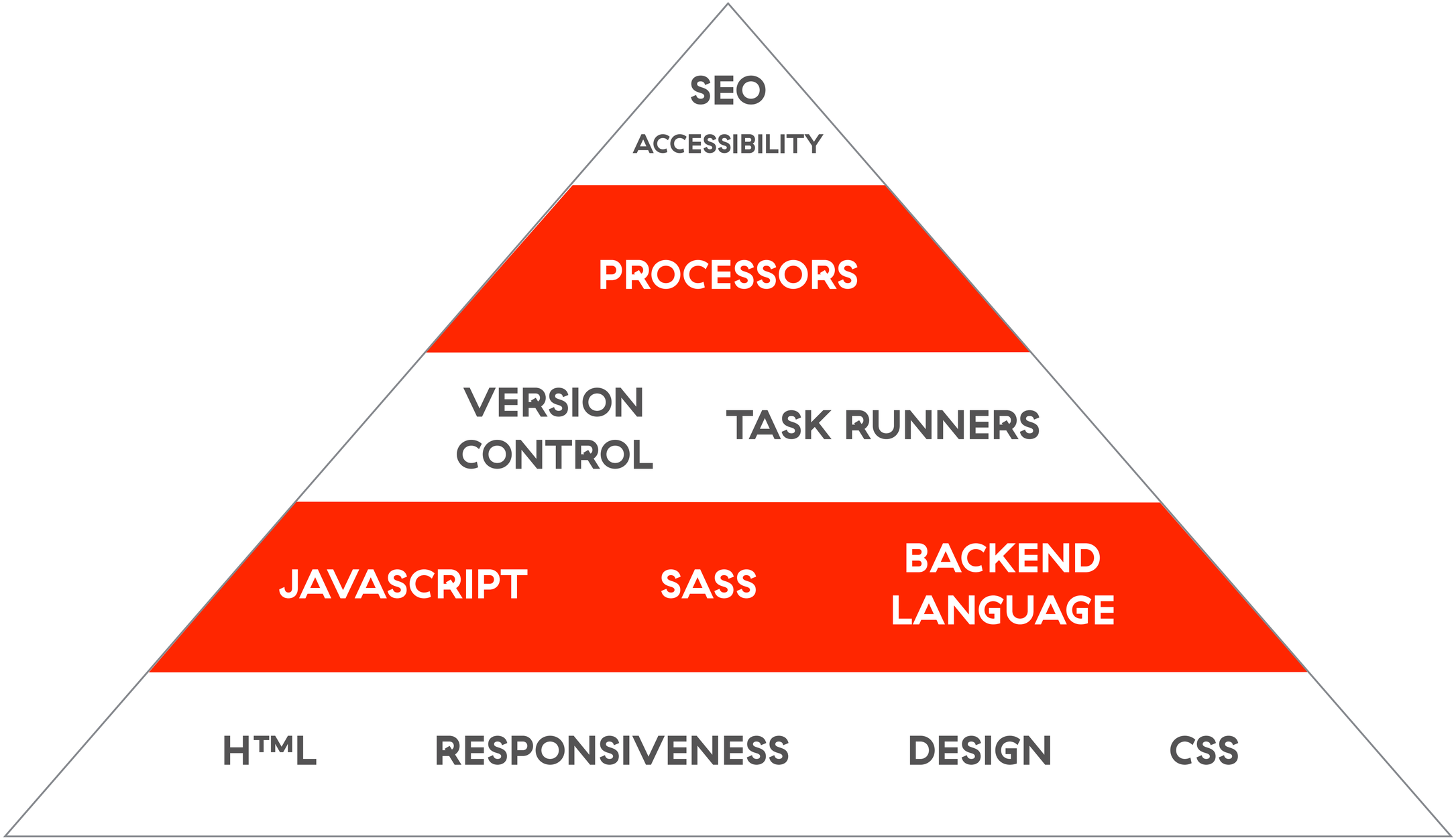
We're an independent design & development agency.

INFINUM
DELL
MacBook Air

WHAT WILL YOU GET

Basic keywords where to start, what to learn, in what order, and how to make your life less confusing than it already is.

This is what I wish i had known when I started!


SEO
ACCESSIBILITY
PROCESSORS
VERSION CONTROL
TASK RUNNERS
JAVASCRIPT
SASS
BACKEND LANGUAGE
H™L
RESPONSIVENESS
DESIGN
CSS

WHO AM I?

Started as a Designer

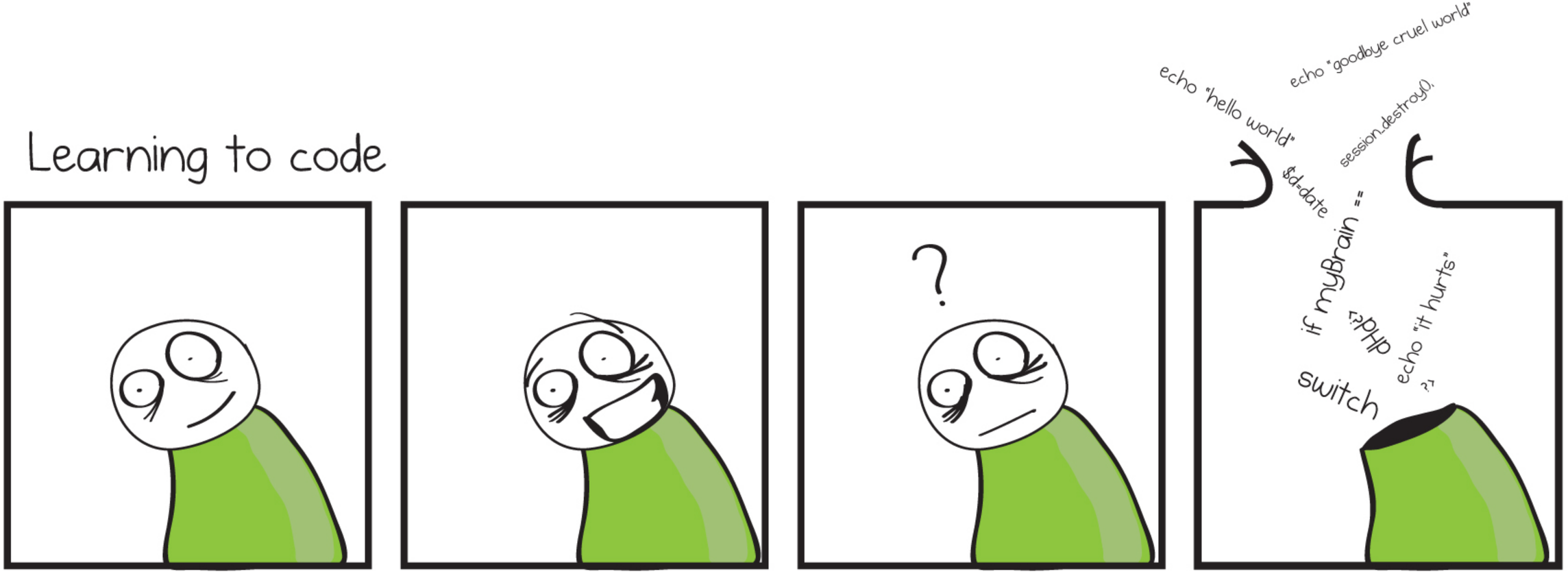
IE5 fixes

Over 100 projects behind me

10 years experience in front-end dev.

01 IS FRONT-END FOR YOU?

Learning to code



PROS

Easy to start

You are the middle man

QA

A lot of job offers

Recruiters love you

Salaries above average

Possibility of side work

Bosses love you

...

CONS

A lot to learn

Pixel perfect eye

Backend Developers don’t like you

Designers don’t like you

Should know how to design

Cross-browser compatibility

Cross-device compatibility

...

02

FRONTEND

HTML

Creates a structure/foundations for you project

Follow courses:

Coursera, Tree House, Udemy...

Start small but have a big appetite

Cross-browser compatibility (caniuse.com)

Master the semantics - **BEM**

CSS

Makes your H™L look pretty

Z-indexes

Positions

Floats

Animations

...

RESPONSIVE DESIGN

Makes your website usable on all devices.

This is not optional!

Media Queries

Breakpoints

Cross-device compatibility

IE & Safari buuuuuu...

Here from the beginnings of time, but no tools

SASS || LESS

Helps you write CSS code smarter

Best tool for Front-end dev. ever created

Functions, Extends, variables, partials, loops, conditions, etc...

Not in RunTime

CSS FRAMEWORKS

Provides you with a lot of procreated features

Grid

Typography

Forms

Layouts

...

Sometimes, using a framework isn't the best option, but most of the time it's well worth knowing about them.

03

DESIGN

DON’T HATE THE DESIGNERS

User Experience (UX)

User Interface (UI)

More skills = More work

Learn your tools (Adobe, Sketch)

04

JAVASCRIPT

NOT THAT HARD,
BUT DIFFERENT

Brings life to your static layout, and lots more

It’s also the most popular programming language in the world, so regardless of your dev career plans, it’s a super valuable thing to learn.

ALWAYS BASICS

jQuery is great

BUT

before everything learn the basics

https://infinum.co/the-capsized-eight/becoming-a-javascript-developer

https://github.com/infinum/learnQuery

FRAMEWORKS

To create more advance stuff in JS

Angular

React

Backbone

Ember

...

05

OTHER

BUILD TOOLS

Make your project assets easier to manage

Webpack2

PostCSS

Speeds up deployments

Minifies code

Compiles SASS, LESS

Checks for errors

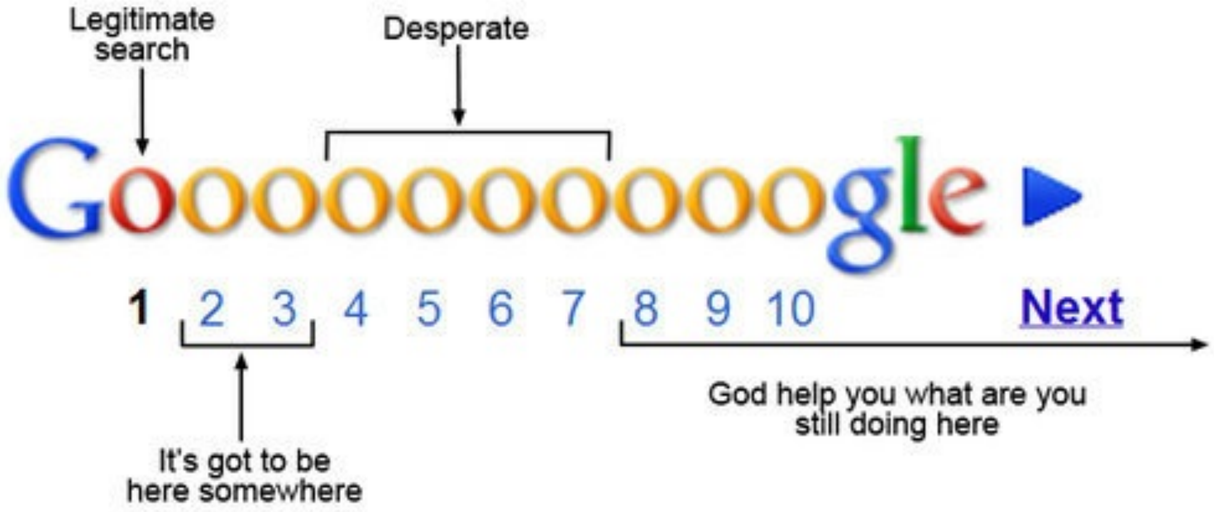
Linting

Autoprefixes code

VERSION CONTROL

Manage your changes over time

Knowing how to use Git is going to be a requirement for virtually any development job.



SEO

Position on search engines

H tags

Site title

Meta tags

Facebook Open Graph

Google rich snippets

Text quality

Mobile design

Google Page Speed

Page rank

...

ACCESSIBILITY

Help your visitors with disabilities

WCAG 2.0

“Accessibly is like a blueberry muffin, you can't push the berries in there afterward”

06

LESSONS LEARNED

START CREATING

WRITE GOOD/REUSABLE CODE

PLAN YOUR PROJECT

BE PROACTIVE – BE CURIOUS

INVEST IN YOUR SKILLS

DON’T SAY YES／ NO TO EVERYTHING

FIND A MENTOR

TAKE BREAKS

LEARN SOME BACKEND LANGUAGE

CREATE YOUR PORTFOLIO

CONTRIBUTE TO OPEN SOURCE PROJECTS

GO TO WORKSHOPS/MEET-UPS

TAKE YOUR TIME

CREATE A GITHUB PROFILE

ALWAYS ASK QUESTIONS!

HELPFUL RESOURCES

https://gist.github.com/dypsilon/5819504

GITHUB

~~W3Schools~~

MDN

Smashing Magazine

CSS Tricks

Infinum #FrontendCookies

INVEST IN YOU FUTURE

Start investing today in your future and it will pay off in the long run.

This is a marathon not a sprint!

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Any questions?

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