**Questions Front-End**

Insert your answer right into this document and return it as a PDF via E-Mail.

**Design**

**Try to fill this questions with your own collected experience**

* How do you design a website? How do you reflect your own Design in it?

First, it depends what a client need then i check other websites in internet for that category, then I create a Low fidelity prototype then i start working.

* What is the meaning of these rules? Rule of Thirds, Rule of Odds, Rule of Space

**Rule of thirds:** photos are divided into thirds, two lines vertically and two horizontally that makes three columns and three rows.  
**Rule of Odds:** It means that when in the photo is an odd number of subjects, it looks more interesting.  
**Rule of Space:** creating space that relates to our subjects.  
  
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* How do you solve problems when designing a website?

Usually, when I have a problem with code while designing, i check it on the Inspect element of the Chrome Browser.

* Which one is the most important for you? Durability, Usability, Beauty

I would choose Usability.

* What’s the best in your opinion? (Usage and Design)

I think usage is the best because if its not easy to use, the design can be very perfect but the usage plays the main role.

* How do you critique your created websites? Do you have a scheme?

Always after i create a website i give it to a person who have no idea what are website and how they are made, but they can give me the best answer because the want it to be very simple and clear, only then they can navigate in it.

**HTML / CSS**

**Questions**

* What is the CSS Box Model used for? What are the elements that it includes?

The Css box model is a box that includes every HTML element. It includes borders,padding,margins and the content

* What is a Class selector and how does it differ from an ID selector?

* Explain the three main methods to apply CSS styles to a Web page:

Three main methods are: External, Internal and Inline CSS Styles

* What are the advantages and disadvantages of External Style Sheets?

**Advantages:** the styles of multiple documents can be controlled from one file, classes can be created for use on multiple HTML element types in many documents.   
**Disadvantages:** to import style information for each document, an extra download is needed, it may not be possible to render the document.

* What are pseudo classes and what are they used for?

Pseudo classes are classes that are used to define a state of an element, for example a state of a submit button when our mouse hover on it.

* What Websites do you use when you don’t know which property to use?

For problems and when i get stuck, i use stackoverflow and w3schools.

* What are the various techniques for clearing floats?

clear:both;

* When and why do you use the @import in CSS?

I use @import statement to import CSS from other style sheets. It shares some of the same advantages as linking a stylesheet

**JavaScript/JQuery**

**Questions**

* What is a difference between jQuery and JavaScript?

Javascript and jQuery are both JavaScript but the only difference is that jQuery is optimized many common scripting funcstions in fewer lines of codes.

* What are reserved names for JavaScript? Can you name some of them?

I think they called JavaScript Reserved Words. And some of them are: char, debugger, else, double, extends, boolean, static, return, switch, throws, null, goto etc.

* What are data types used for? (Boolean, Null, Number etc.)

To declare a variable, a string or a number.

* HTML is the content layer, CSS the presentation layer, JavaScript the...? And why?

Its called :The behaviour layer

* Explain these operators:
* == - equality
* !== - strict non-equality
* <= - smaller or equal
* || - or
* && - and
* Explain the difference between the .detach() and .remove() methods in jQuery.

* What is a DOM tree? Make an example.

Document Object Model (DOM) is an API for valid HTML documents. It defines the structure of documents.

* How do you detect bugs or mistakes in your code? Do you use some plugins, which one?

Sometimes i use JSHint, it helps me to detect errors.

* Find the mistakes in the code

'use strict';

var name = '';

var age = '; \*\* here need ''

var insert = '';

var text = '';

name = prompt 'Put your name in, name);

age = prompt(“now I need your age“, age);

if (isNaN(age)) {

input = 'this is not a number';

}

else if (age > 18) {

input = 'young'

else {

input = 'ok';

}

switch (input) {

case 'jung': ---- young

text ='you're too young';

break;

case 'this is not a number'

text ='Please put a number inside';

break;

default:

text ='Hello, ' + name;

break

}

alert(text);

**JavaScript**

* Create a registration website
* Username: More than 5 letters, only letters
* Password: more than 8 characters, confirm it
* E-Mail works only with an @
* Phone number: only numbers
* A reset and save button
* If you click save, make an alert that the registration worked
* Here is an example:



**File names:**

index.html

style.css

script.js