Front End Engineer e suas funções

@keppelen

Giovanni Keppelen
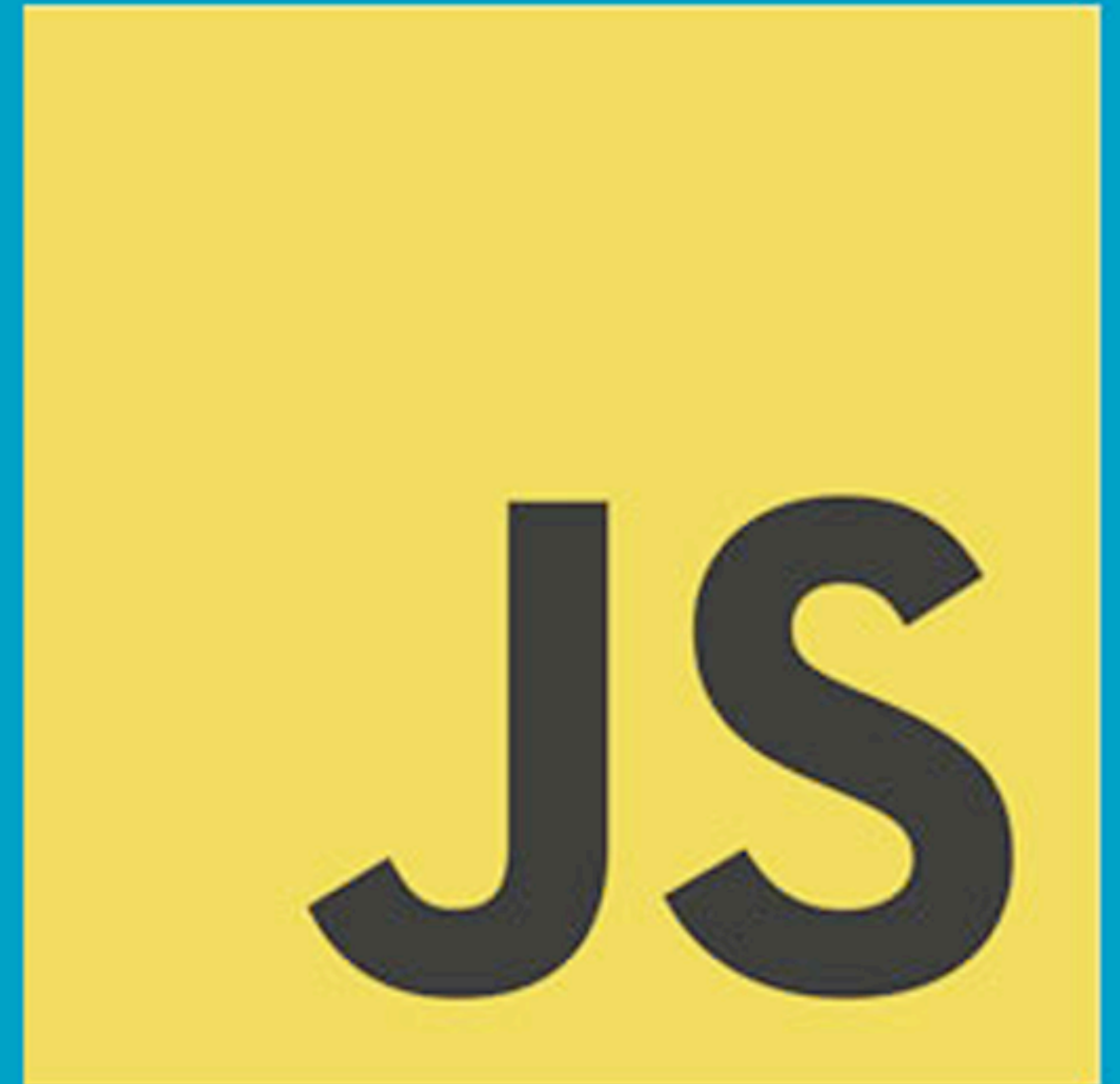# Front-end Engineer

http://braziljs.org

E quais são suas funções?

E suas responsabilidades?

- Assegurar compatibilidade cross-browser e cross-plataform

- Produzir código limpo, bem documentado e estruturado

- Criar páginas web rápidas

- Seguir padrões W3C

- Aplicar técnicas de SEO (Search Engine Optimization)

Mas é ai? O que podemos fazer com isso tudo?

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```html
    <meta charset="UTF-8">
    <title></title>
    <style type="text/css">
      textarea {
        margin: 20px;
        width:1100px;
        height:600px;
        padding: 10px 20px 10px 70px;
        border:1px solid #ededed;
        font-family: 'Marck Script', cursive;
        font-size: 25px;
        line-height: 50px;
        vertical-align: bottom;

        background-color: #fff;

        background-image:
        -webkit-linear-gradient(90deg, transparent 49px, #e5eef6 49px, #e5eef6 50px, transparent 50px),
        -webkit-radial-gradient(circle, #000 14px, transparent 14px),
        -webkit-radial-gradient(circle, #333 15px, transparent 15px);
        -webkit-background-size: auto 50px, 50px 50px, 50px 50px;


        background-size: auto 50px, 50px 50px, 50px 50px;
        background-repeat: repeat, repeat-y, repeat-y;
        background-position: 0 -1px, 1px 1px;
        box-shadow: 2px 2px 1px -1px #000;
        resize: none;
      }
    </style>
  </head>
```

CHAPTER 1. Down the Rabbit-Hole

Alice was beginning to get very tired of sitting by her sister on the bank, and of having nothing to do: once or twice she had peeped into the book her sister was reading, but it had no pictures or conversations in it, 'and what is the use of a book,' thought Alice 'without pictures or conversation?'

So she was considering in her own mind (as well as she could, for the hot day made her feel very sleepy and stupid), whether the pleasure of making a daisy-chain would be worth the trouble of getting up and picking the daisies, when suddenly a White Rabbit with pink eyes ran close by her.

There was nothing so VERY remarkable in that; nor did Alice think it so VERY much out of the way to hear the Rabbit say to itself, 'Oh dear! Oh dear! I shall be late!' (when she thought it over afterwards, it occurred to her that she ought to have wondered at this, but at the time it all seemed quite natural); but when the Rabbit actually TOOK A WATCH OUT OF ITS WAISTCOAT-POCKET, and looked at it, and then hurried on,

```
    <meta charset="UTF-8">
    <title></title>
    <style type="text/css">
        .shader {
            -webkit-filter: custom(url(shaders/crumple.vs) mix(url(shaders/crumple.fs) multiply source-atop), 50 50
                , amount 0, strength 0.2, lightIntensity 1.05, transform rotateX(0deg) translateZ(0px) );

            -webkit-transition: -webkit-filter linear 1.5s;
            box-shadow: 0 0 2em #111;
        }

        .shader:hover {
            -webkit-filter: custom(url(shaders/crumple.vs) mix(url(shaders/crumple.fs) multiply source-atop), 50 50
                , amount 1, strength 0.2, lightIntensity 1.05, transform rotateX(0deg) translateZ(0px) );
        }
    </style>
</head>
<body>
    <div class="shader text">
        <h2>CHAPTER I. Down the Rabbit-Hole</h2>

        <div style="float:left; width:50%">
        <p>Alice was beginning to get very tired of sitting by her sister on the bank, and of having nothing to
        do: once or twice she had peeped into the book her sister was reading, but it had no pictures or
        conversations in it, 'and what is the use of a book,' thought Alice 'without pictures or conversation?'

        <p>There was nothing so VERY remarkable in that; nor did Alice think it so VERY much out of the way to
        hear the Rabbit say.
        </div>

        <img style="float:left; width:50%" src="img/392px-Alice_par_John_Tenniel_02.png"/>
    </div>
</body>
</html>
```
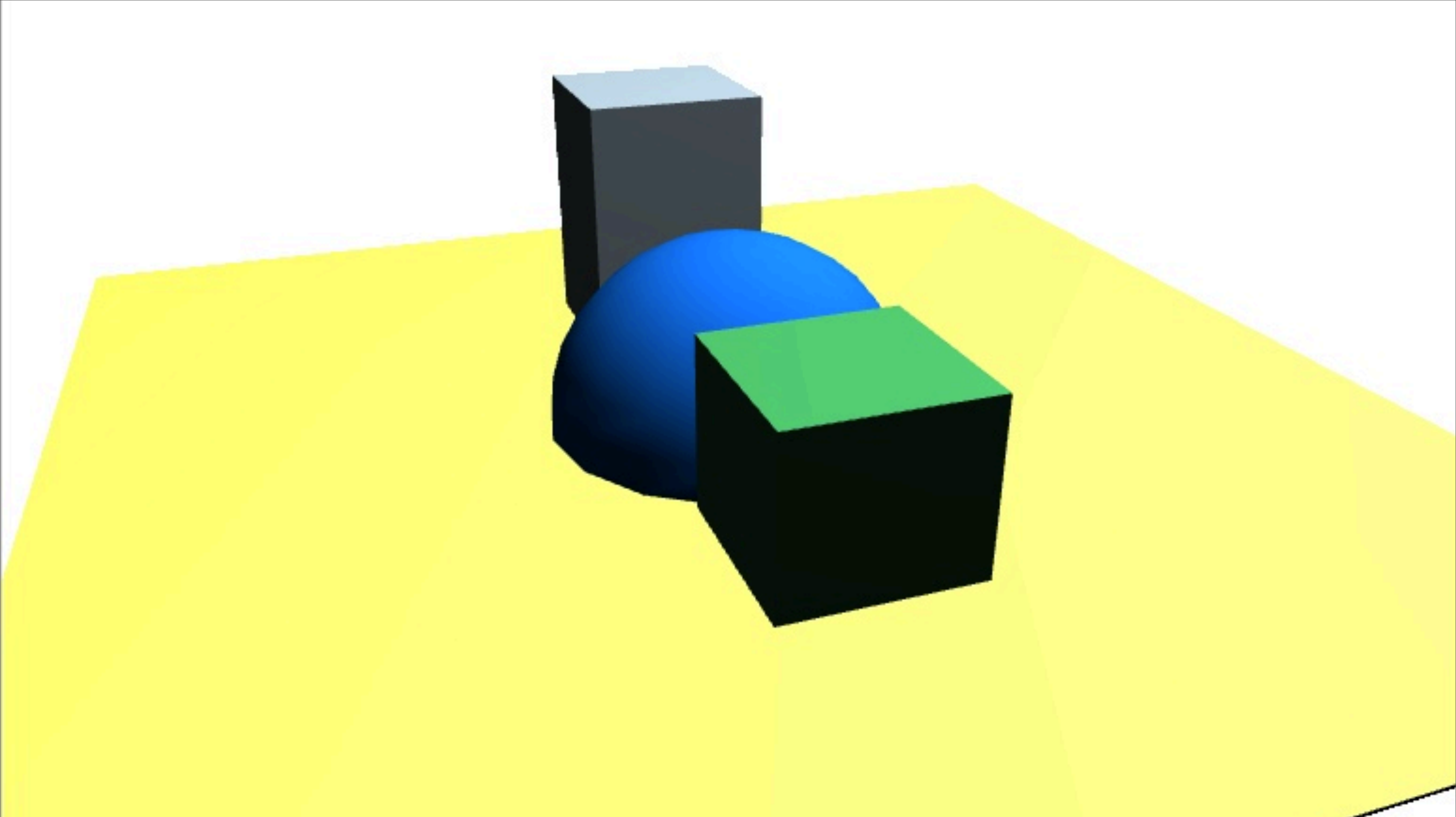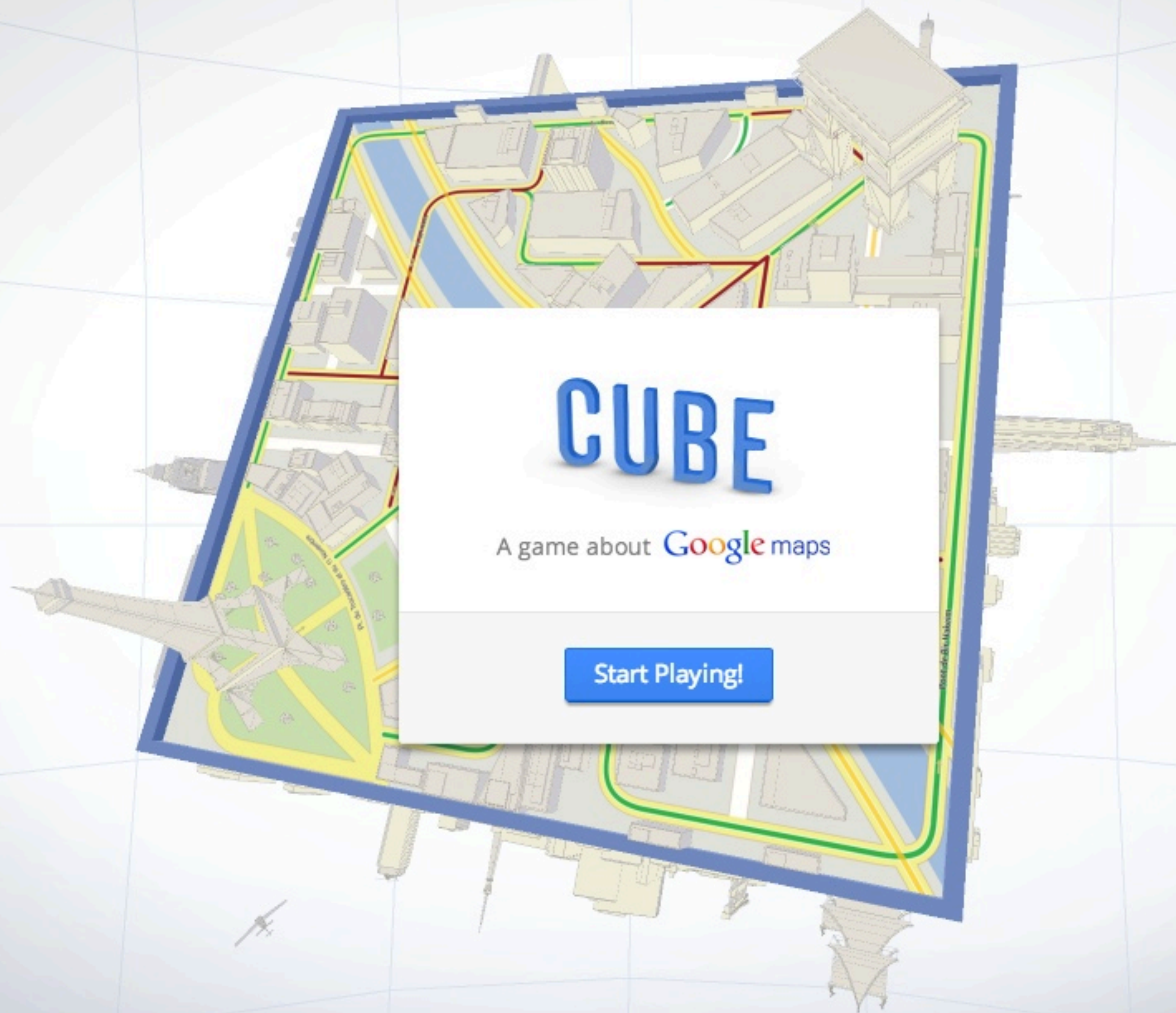
```javascript
    <script type="text/javascript">
    var renderer = new THREE.WebGLRenderer({antialias: true});
    renderer.setSize(document.body.clientWidth,
    document.body.clientHeight);

    document.body.appendChild(renderer.domElement);

    renderer.setClearColorHex(0xEEEEEE, 1.0);
    renderer.clear();


    // new THREE.PerspectiveCamera( FOV, viewAspectRatio, zNear, zFar );
    var camera = new THREE.PerspectiveCamera(45, width/height, 1, 10000);
    camera.position.z = 300;

    var scene = new THREE.Scene();
    var cube = new THREE.Mesh(new THREE.CubeGeometry(50,50,50),
    new THREE.MeshBasicMaterial({color: 0x000000}));
    scene.add(cube);

    renderer.render(scene, camera);

    function animate(t) {
      // spin the camera in a circle
      camera.position.x = Math.sin(t/1000)*300;
      camera.position.y = 150;
      camera.position.z = Math.cos(t/1000)*300;
      // you need to update lookAt every frame
      camera.lookAt(scene.position);
      // renderer automatically clears unless autoClear = false
      renderer.render(scene, camera);
      window.requestAnimationFrame(animate, renderer.domElement);
    };
    animate(new Date().getTime());
    </script>
```

CUBE

A game about Google maps

Start Playing!

Cada vez mais as interfaces web estão ficando mais ricas, e a cada dia precisamos mais do profissional Front-end, profissional qualificado e altamente especializado.

Quem está investindo nesses profissionais?

- Grandes portais como Globo.com, R7.com
- Facebook, Twitter, Yahoo, Linkedin

Como faço para entrar e ficar ninja?

- Sites
  - http://maujor.com.br
  - http://tableless.com.br

- Livros
  - HTML 5 Maujor
  - JavaScript Design Patterns
  - Todos os livros do Moujor (Recomendo =])

Perguntas?

Obrigado
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