Marc Baghdadi

Web Developer

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Personal Profile

I am a recently qualified junior full-stack Web Developer. My interest in web development and programming has developed side-by-side with my educational background in Maths and Life Sciences. In the last year I have decided to switch my focus from a PhD in electrochemistry and neuroscience to undertake the Web Development Immersive course at General Assembly. This has cemented my skill and enthusiasm for programming and laid the groundwork for a future career as a Web Developer. I respond particularly well to the challenges of back-end development, which appeals to the "how does it work?" side of me.

Professional Experience

September '15 to December '15

Web Development Immersive, *General Assembly*, London.
This intensive three month coding course gave me a comprehensive introduction to the following tools and languages: HTML5, CSS3/SASS, JavaScript/jQuery, Ruby, Sinatra, Ruby on Rails, SQL, PostgreSQL, AWS, AJAX, Node.js, NoSQL, and Github.
Daily standups meant that my confidence in presenting these ideas grew with each project. Though I already had experience of group work, these skills were tested in a web development context as I had previously only programmed alone.

Projects

Battle Cats
A small game built in four days as a JavaScript exercise.
Tech: HTML, CSS, JavaScript, jQuery
`http://www.kongregate.com/games/stain88/battle-cats`

GiTD host site
A website for hosting Game in Ten Days (GiTD) game jams. Users are able to upload their creations, and comment and vote on other games. Moderators can edit game descriptions, comments, and forum posts.
Tech: Ruby on Rails, Carrierwave, AWS, Devise, Bootstrap, SASS, CoffeeScript
`gitd.herokuapp.com`

Jumble	A cross between Pinterest and StumbleUpon, Jumble lets users grab a glimpse of current news stories. This was a group project, working in a team of four. My focus was on the back-end, using The Guardian, Getty Images, and YouTube APIs to gather data, but I was also responsible for managing the Git master branch. **Tech:** JavaScript, jQuery, AJAX, Underscore, Materialize, Node.js, API, Passport, JWT, Git `stain88.github.io/Jumble`
Cattleships	24-hour hackathon project. **Tech:** JavaScript, AngularJS, Firebase, Angular-Firebase `stain88.github.io/Cattleships`
ChemHelper	An app to help with chemistry knowledge. Once logged in, users can select an element to learn about from the periodic table, or test their knowledge with a quiz. **Tech:** MongoDB, ExpressJS, AngularJS, Node.js, Satellizer `stain88.github.io/ChemHelper`

November '14 to January '15	**Internship**, *QPQ Software LTD*, Abingdon. These two months served as an introduction to creating websites using PHP in a Laravel framework.
September '10 to December '13	**Molecular Organisation and Assembly in Cells**, *Warwick University*. Interdisciplinary Masters and PhD in Life Sciences with the PhD specialising in Quantitative Nanoscale Imaging Techniques.
2011-2012	**Data Analysis**, *Lawn Tennis Association*, London. I participated in a confidential project for the LTA, analysing player data.
2010	**OULTC Website**, *Oxford University*, Oxford.
2006-2010	**MMath Degree**, *Oxford University*, Oxford.

Skills

Casual	C/C++, CoffeeScript, C#, Go, Haxe, LaTeX, MatLab, Objective-C, Python, Rust
Capable	AJAX, AngularJS, ExpressJS, Grunt, Gulp, MongoDB, MySQL, Node.JS, NoSQL, PHP
Comfortable	ActionScript 3, CSS3, Git, HTML, JavaScript, Ruby, Ruby on Rails

More About Me

A keen tennis player, I have always tried to play as much as time allowed. As a junior, my career peaked at a Junior World Ranking of 349, after participating at the French Open. I have also been part of several teams, representing Middlesex County for seven years, Oxford University for four (captaining my final year), and various clubs at regional and national level.