

Calum Campbell

Full Stack Web Developer



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Synopsis

Aspiring web developer with an educational background in Physics and Engineering and a professional background as an Engineer in a major international oil company looking to transfer to the exciting world of Web Development.

After enrolling in a three month intensive Web Development course at General Assembly I discovered a passion to create through code. I am excited by the idea of being able to develop concepts and build web applications. I am looking to join a company where I can add value in an exciting environment as well as develop my technical skills.

Experience

Web Development Immersive, General Assembly, London, 28/09/15 - 18/12/15

A 12 week, all day, everyday immersive course. We covered a range of topics from the basics of programming to both client and server side languages and frameworks including JavaScript, jQuery, Ruby, Rails, Sinatra, AJAX, Node.js, Express, AngularJs ,HTML and CSS.

During my time at GA I got the chance to work on several mini and three bigger projects, one of which was a group project.

Recent Projects

Cause (<https://cause-app.herokuapp.com>)

MEAN stack application that connects individuals looking for grass roots charitable projects from around the world to donate to and be involved in. The concept involves users donating a set amount a month to the application and each month finding projects that they are interested in to donate to. *I am currently migrating this app to Ionic.*

Technology : MongoDB, AngularJS, ExpressJS, Node.js, Bootstrap, Bower and the globalGiving.org API.

Vairlo (<http://vairlo.herokuapp.com>)

Developed a full stack Ruby on Rails web application for bicycle lending and renting in London (think AirBnb for bikes!). App allowed users to find available bikes to rent in locations around London and use a booking system to reserve them.

Technology: Ruby on Rails, JavaScript, jQuery, GoogleMaps API, Geocoding, SASS, Bookable (Ruby gem), Foundation, AWS and Heroku.

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Well Site Drilling Engineer, Tullow Oil , London/Kenya, 09/14 - 06/15

Well Site Drilling Engineer working on an exploration and appraisal drilling program onshore in the Rift Valley of Kenya.

Responsibilities:

Involved in technical design, planning and execution of drilling programme. Extensive training completed in France (Schlumberger), Italy (GeoLog), Aberdeen (ADS) and Kenya (Tullow Oil).

Fundraising Team Leader, Sustrans, 2013

Managed team of face to face fundraiser in the Worcester Area. Set up new team including recruitment, training and management. Over £10,000 in first two months by team.

Education

MSc Petroleum Engineering, Heriot Watt University, 2013

One year study of the technical, commercial and strategic elements of the upstream oil and gas industry.

BSc Physics, The University of Manchester, 2010 - 2013

Developed advanced mathematical skills and techniques and applied these techniques to complex practical and theoretical physics

A-levels

2(A - Maths, History), 2(B - Further Maths, Physics)

And Finally...

I am passionate about the great outdoors and sport, whether it be cycling to and from work every day, wild camping across Europe or playing football in the evenings.

I love to travel. I have travelled in South East Asia and India for six months, Mexico for six weeks and various parts of Europe whenever possible including cycling across Holland and Germany to Berlin.

I am also passionate about talking about and hearing new business ideas. I set up and ran a small retail business sourcing and selling university themed sunglasses. The process involved working with a product design colleague, contacting and negotiating with companies for the supply of the product from China and conducting meetings in the UK with prospective retail outlets. The business model didn't ultimately have the expected potential due to production constraints and was unfortunately not pursued beyond product sample and retail market research. I certainly retain the ambition to start my own business in the future and look forward to gaining several years experience in the tech industry that will aid my journey towards entrepreneurialism!