Valerie Dryden   Curriculum Vitae

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Personal Profile

I am a passionate, quirky developer with excellent communication skills and a
relentless desire to keep improving. I have a very broad experience of many
programming languages and can move between them with ease, coming from a
strong .NET background transitioning more recently to Ruby and JavaScript.

I thoroughly enjoy the craft of programming and the challenges that come with it. I
follow Test Driven Development(TDD) as much as I can and take pride in my Git
hygiene, as well as my ability to pick up problems easily and come up with
solutions quickly.

As well as my technical ability I have exceptional public speaking skills, which have
improved even more through teaching groups of 20 students every day at
CodeClan. I am very experienced at working well under pressure to tight deadlines,
as well as managing teams and mentoring colleagues.

Work Experience

CodeClan - Senior Instructor   August 2015 to Present

JavaScript, Git, Node, Java, Android, Ruby, Rails, Sinatra, React, Postgres SQL

As a Senior Instructor at CodeClan I am responsible for keeping the curriculum
relevant and excellent as well as delivering the 16 week intensive course. This
covers a breadth of topics focusing on Object Orientation, TDD, Web Development,
Databases and Git taught using languages such as Ruby, Java and Javascript which I
must know as broadly and deeply as I can.

In lessons I always focus on the underlying concepts that transcend a particular
language, as well as helping the students understand good practice, how to work
well in a team, be an effective communicator and manage tight deadlines. I also
try to pass on my passion, enthusiasm and love for the discipline, with the hope
that the students will come to enjoy it as much as I do.

I strive to keep my skills up to date and thoroughly enjoy investigating new
languages and technologies, as well as honing my existing craft. I've recently
written an ES6 guitar chord discovery app which I ported to Xamarin, as well as a
chicken catching game in Angular 2 (with sound effects obviously). I'm also keen to
learn Elixir with the hope learning functional style properly will also improve my
OO, as it challenges the entire way I write software.

I also mentor and manage the instructional team, plan lessons and I am actively
involved in shaping the strategic decisions of the business. I also take the lead on
writing new courses and run internal projects in a lead developer role.

Storm ID - Web Developer   May 2012 to August 2015

ASP.NET MVC, Umbraco, C#, JavaScript, Angular, MS SQL Server, Git

Lead developer on many .NET projects for a wide variety of clients including:

• Young Scot http://young.scot/

• National Galleries http://generationartscotland.org/

• Marketing Edinburgh http://thisisedinburgh.com/

• R&A golf association http://rulesacademy.randa.org/

Integrating my work with designers and liaising with clients and other business services required excellent communication skills and the ability to express complex ideas in an easy to understand manner. I also founded and developed the Graduate Scheme and mentored new developers.

Skyscanner - Support Developer   Nov 2011 to May 2012

ASP.NET, C#, CSS, HTML, JavaScript, MS SQL 2008

Electrum - Graduate Developer   June 2009 to Nov 2011

ASP.NET MVC, C#, VBA, Java, JavaScript, MS SQL 2008

Shepherd and Wedderburn - Junior Software Developer   Summer 2008

Java, C#, ASP.NET, SharePoint

Heriot-Watt University - Research Assistant   Summer 2008

My work is included in the research paper "Towards Hume SIMD Vectorisation" which was accepted by EUSIPCO special session in February 2009.

Academic History

Level 3 Award in Education and Training (City and Guilds)	*May 2016*
First Class Hons Bsc Computer Science (Heriot Watt)	*July 2010*
BA Accountancy and Finance (Heriot Watt)	*July 2006*

Hobbies

In my spare time I enjoy dancing Argentine Tango, closely followed by playing board games, watching wrestling, learning violin, studying foreign languages, being rubbish at shogi, watching anime, petting my cats and playing video games.