

# James Hemphill

✉ james@sscreative.uk

- British, 36 yrs.
- [www.linkedin.com/in/jameshemphill](http://www.linkedin.com/in/jameshemphill)
- **Sussex University: Geography BSc (1998-2001)**
- **Latymer Upper: 3 A-Levels; 10 GCSEs (1990-1998)**

## Specialization

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### Web Designer/Programmer – International Development

Portfolios available to view and download at [www.hemphill101.com](http://www.hemphill101.com)

## Technical Skills Summary

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<b>UI Development: CSS (CSS3), HTML (HTML5), Photoshop, Illustrator, InDesign</b>	<b>8 yrs</b>
<b>C#.NET 4.0/4.5 Web Application Development (VS2010/2012, AJAX, JS, XML, LINQ)</b>	<b>10 yrs</b>
<b>C#.NET 4.0/4.5 Software Development (ClickOnce, WPF)</b>	<b>10 yrs</b>
<b>PHP/CMS Development (Joomla, Wordpress)</b>	<b>5 yrs</b>
ESRI ArcGIS Desktop & Server Development (ArcServer, Engine, SDE)	10 yrs
Web Services (C#.NET, XML, WSDL)	10 yrs
Reporting System Design (SSRS, Crystal Reports, PDF Sharp)	9 yrs
Database Design, Stored Procedures, BI, SSIS (MSSQL, MySQL)	9 yrs
Project Management Experience (Trello, Visio)	8 yrs
Server Administration (VMWare, AWS, CPanel)	5 yrs

## Management Experience

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- Excellent interpersonal skills, regular interactions with senior management
- Experience with budget handling and acquisition of project resources (hardware/software, consultant fees)
- Conducted several presentations at international conferences and seminars (e.g. Innovative Approaches to turn Statistics into Knowledge, Cape Town December 2010)
- Experienced in developing and delivering technical workshops (e.g. 2-week web training course Nov 2011)
- On-site and remote management of resources across several countries (ongoing 2009-2016)

## Relevant Experience (2007-2016)

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### Independent Consultant

Director, [sscreative.uk](http://sscreative.uk)

Various Locations

April 2013 – Present

- High quality web design and development consultancy projects for:
  - Secretariat of the Pacific Community – Lead Technical Consultant for Pacific Education Management Information System (EMIS) development (CSS, Angular.js, plottable.js, d3.js, bower, karma, jasmine, MVC, Web API, Google Maps API, MSSQL, lodash, typescript, Bitbucket, Sourcetree)
  - SPC International – Company corporate rebranding and graphics (Photoshop, Illustrator)
  - OECD – National Data Archive website upgrade (PHP, CSS, MySQL)

### Secretariat of the Pacific Community

Web Developer/ Data Dissemination Specialist

Nouméa, New Caledonia

Feb 2010 – April 2013

- Lead Developer for the Pacific Regional Information System (PRISM) - ([www.spc.int/prism](http://www.spc.int/prism)) - VS C#.NET 2008/2010, PHP/MySQL, JQuery/JS
- Conceptualised and implemented functionality for users to create flash based animated charts and maps (JS/Google API) from excel spreadsheets - e.g. [www.tabletochart.com](http://www.tabletochart.com)
- Lead Developer for the Pacific Regional Indicator online database and reporting engine - ([www.spc.int/nmdi](http://www.spc.int/nmdi)) - VS C#.NET 2010, MSSQL, Crystal Reports, JQuery/JS

- Integration with Corporate Monitoring and Evaluation System, creating different levels of security for online data administration by relevant divisions.
- Coordinated staff recruitment as a member of several interview panels for other departments - as well as organising the hiring of two assistant developers based in Fiji - *Remote Management, Project Management*
- Methodology developed for transferring census data (flat files) to a relational database for OLAP Cube Development - *SSIS, SQL Server 2008 BI Development Studio*
- Training Workshops/Presentations in Vanuatu (x3), Samoa (x2), Cook Islands, Solomon Islands, Fiji, Wallis & Futuna, Niue, Marshall Islands, Federated States of Micronesia, Barbados, Bangkok, Cape Town, Washington DC and Paris - *Powerpoints, Live demonstrations, Tutorials*

**Cayman Islands Government**  
*Programmer Analyst*

George Town, Grand Cayman  
Oct 2007 - Feb 2010

- Lead Developer for the online mapping module (with different levels of subscription) for the Cayman Islands Lands & Survey national website - VS 2008: C#.NET 3.5, JavaScript, AJAX, HTML, CSS – [www.caymanlandinfo.ky](http://www.caymanlandinfo.ky).
- Lead Developer for XML web services publishing from SQL Server and Oracle databases, serving datasets (Lists and DataTables), Crystal Reports (byte[]), PDF images (byte[]) using C#.NET.
- Lead Developer for the Emergency Management Mapping and Analysis (EMMA) software - VS 2008 (converting VB.NET 2.0 to C#.NET 3.5) and ESRI ArcObjects (ArcEngine 9.3).
- Major consultancy role in providing Turks & Caicos with a reporting engine for their Land Registry Application (WinForms), departmental website and online mapping facility.
- Lead Graphic Designer for several pieces of artwork for the URISA GIS Conference hosted by Grand Cayman in August 2008, plus the production of a comprehensive set of icons for several applications and websites.

## Relevant Experience (2003-2007)

**Landmark Solutions**  
*C#.NET GIS Developer*

Exeter, United Kingdom  
May 2006 - Oct 2007

- Working as a Web Developer specialising in Visual Studio 2005 C#.NET with ArcGIS Server 9.2, in the relaunch of an historical maps website – [www.old-maps.co.uk](http://www.old-maps.co.uk)
- Initialising PayPal with SQL Server to provide a platform for the sale of historic maps.
- Provision of an IT helpdesk environment, aiding colleagues with general IT hardware/software issues.
- Geodatabase management using ArcSDE and ArcCatalog, with the production of several scripts in order to optimise geodatabase and raster catalog production.

**Jacobs Ltd.**  
*GIS Developer, Asset Management*

Maidstone, United Kingdom  
Feb 2003 - April 2006

- Working as a GIS Technical Developer for a variety of different business streams (Environment, Water, Landscape Architecture, Civil Engineering, Asset Management, Visual/Vehicle Surveys and Acoustics).
- Experienced use of ArcObjects, creating customised tools (VBA, VB.NET) to improve data processing times.
- Development of the CONFIRM UK Pavement Management System (UKPMS) and its integration with the Kent Highway National Street Gazetteer, using Symology with complex SQL queries.
- Asset Management survey audits in Renfrewshire, Scotland involving accurate data interpretation.

## Relevant Experience (pre-2003)

**Brighton & Hove City Council, Seeboard Power Networks**  
*GIS Technician Roles*

Sussex, UK  
Aug 2000 - Feb 2003

- Production of detailed maps of specific areas for use in the Schools Biodiversity Action Plan and the Stanmer Park Land Use Assessment project using Cadcorp and AutoCAD software. Implementation of statistical tests in order to achieve the most accurate interpretation of the results.