Date of Birth	1st July 1984	**Nationality**	British
Address	Flat 1, 9 Cavendish Place Brighton East Sussex England	**Highest Qualification**	Higher National Certificate in Business IT
		Email	justin@cyber-lane.com
		Skype	mycyberlane

Team Working and Communication

- Proven to work well in teams of various sizes
- Highly approachable from both co-workers, senior management from other departments and companies
- Previous experience with military contracts have led me to be more concise with both my actions and communications
- Worked under high pressure environments, meeting tight deadlines while always making time to perform thorough testing procedures and documentation
- Experience in project life cycle for a diverse range of industry including Financial, Military, Government, Public and Private Sector.
- Previously employed at Chichester College, teaching Flash 5 and ActionScript, acting as learning support officer for Visual Basic 6, and taught basic IT concepts to the elderly.
- Capable of taking something complex and explaining in simple to understand terms

Technical

Primary Programming Languages: C#, VB.NET, LINQ, JavaScript, CSS, ASP.NET, Mono
Secondary Programming Language: C, C++, VB, Delphi, ActionScript, PHP 4/5, ASP, LUA
Technologies: XML, jQuery, AJAX, JSON, Web Services, Windows Services, Linux Daemons, Remoting, Serial and USB Barcode Scanner interfacing, POS.NET, EDI, AS2, CoffeeScript, SASS/SCSS, LESS, Backbone, GruntJS, RabbitMQ, nUnit, xUnit
Databases: SQL Server 2000/2005/2008, MySQL 4/5, Firebird 2.5, MongoDB, Redis
Tools: Visual Studio 2003/2005/2008/Team System, SVN, ReSharper, Telerik, ENDECA, Git, SublimeText
Operating Systems: CentOS Linux, Debian/Ubuntu Linux, Arch Linux, Windows 2000, XP, 2003, Vista, 2008, 7, 8

Professional Development Courses

- Microsoft ASP.NET 3.5
- Microsoft ASP.NET 1.1
- Microsoft C# 3.0
- Microsoft SQL Server 2000
- ENDECA Developer
- Network Visualization (netViz)

Hobbies

- Electronics
- Automating everyday tasks
- Attending conferences
- Travelling

Quill Pinpoint Developer	June 2012 - Present

Quill are a software house established in the 1970s, primarily developing software for legal cashiers, and offering related services. I helped to develop their new systems which made use of RabbitMQ and MongoDB, as well as design the client side interfaces to these systems. Most recently I helped with the development of their new Document Management system, which makes use of Responsive Design.

Technology made use of includes

- C# (.NET 3.5, 4.0)
- ASP.NET Web API 2
- AJAX/JSON
- Firebird
- RabbitMQ
- MongoDB
- JavaScript
- SCSS and CSS3

Mosaic Online Systems Developer	June 2009 - June 2012

Mosaic Online Systems are an industry leader within the UK for the British Postal system, offering integration services for every aspect of the mailing industry. These services are offered to both Posting Houses and Postal Carriers alike. Offering solutions such as automated daily forecasts for submitting mail into Royal Mail, bag/tray/cage label printing, 1D/2D Barcode reader integration and software solutions, reports, dynamic dashboards and numerous management screens.

The role required that I both maintained older systems, as well as developing new ones which would often target a specific customer's needs, but also remaining generic enough for other customers to make use of.

Technology made use of includes

- C# (.NET 1.1, 2.0, 3.5)
- ASP.NET 3.5
- Web Services
- Windows Services
- Remoting
- AJAX/JSON
- LINQ

- POS.NET
- Bespoke USB/Serial Interfacing with Barcode Scanners and Label Printers
- EDI
- XHTML and CSS
- JavaScript/jQuery
- SQL Server 2008

EDI Application Interface

- Developed and was responsible for a completely bespoke EDI Application Interface
- Compared to off the shelf products, my system proved to be faster, capable of larger volumes of data, more memory efficient and had record level error validation and handling

RAW Printer Application Interface

- Created a simple to use, and powerful interface for communicating with Label Printers
- Non-supported printers would use the Windows standard canvas, supported printers had their print requests converted to RAW data commands, with careful calculation to take into account each printer's resolutions and supported fonts, barcodes and scales

Alltern8 Ltd Web Developer	March 2009 - May 2009

Alltern8 was a new start up publishing company, attempting to target eight different area of interest, ranging from role playing, to computer gaming. They attempted to create a single source of information for all of these areas, to both bring people with similar interests together into a single community, as well as provide a single source for all this information.

Technology made use of includes

- Classic ASP
- ASP.NET 3.5
- LINQ

- XHTML and CSS
- JavaScript/jQuery
- SQL Server 2000

Widgets

- Developed numerous mini applications which communicated with both Classic ASP and ASP.NET 3.5
- Developed a bespoke AJAX/JSON chatroom system
- Implemented a system to convert uploaded video files into flv for streaming support
- Added Google maps to numerous systems

Strategy Improvement

- Re-coded over 2MB of JavaScript files into under 250Kb while adding superior browser support
- Upgraded every page to table-less pure XHTML design, improving page load speeds
- Compressed and consolidated every CSS file into a manageable multi file system
- Removed major security flaws including of storing passwords in cookies

William Reed Business Media Ltd Web Developer	May 2008 - February 2009

William Reed is a publishing firm for the food and drink industry, and owner for a number of different brands, including The Morning Advertiser, The Grocer, Meat Info, Internal Wines and Spirits Challenge, Big Hospitality, Food Manufacture Jobs, Off Licence News and many others. They have a range of websites supporting their magazines, encompassing functionality such as jobs, content driven, events, directories, data and reports, forums and a few other web services.

The role includes support for all the websites, liaising directly and sometimes indirectly with representatives responsible for the websites, as well as the company's SEO specialist. I was also to develop new functionality, including widgets for data and statistical analysis, as well as developed a new and improved subscription service application. Saved the company a large sum of money by migrating and consolidating websites, databases and other services onto our dedicated servers, as well as created structured documentation to help understand where each website was located, and who was responsible for it, as well as detailing their responsibilities.

Technology made use of includes

- ASP.NET 1.1/2.0/3.5
- Visual Basic/C# .NET
- LINQ
- ASP.NET MVC
- XHTML and CSS
- PHP 5
- JavaScript/jQuery
- SQL Server 2000/2005/2008

Madgex User Data Analysis Widgets

- Implemented a web service firing on a daily basis to download XML data dumps from Madgex via FTP
- Created a series of LINQ statements to provide diverse data queries
- A service making heavy use of XML for configuration of the LINQ statements
- Developed Web Frontend to make it easy for administrators to modify as per requirements

Server Migration

- Migrated websites and databases from slow legacy systems to new paths/instances on central, high speed web/database servers (Live and UAT)
- Updated configuration files, and DNS settings to point to new servers
- Worked closely with people responsible for websites to ensure that migration was seamless and non-disruptive to their daily routines
- Documented the entire process very clearly so that it may be picked up on by any other developer in case I was not in the office when any issue arose

ASP.NET 1.1 Migrations to ASP.NET 3.5

- Devised the strategy to evolve the current websites written in .NET 1.1 over to .NET 3.5
- Gained a clearer understanding of all legacy systems by analysing all code being migrated to ensure that a thorough job was done
- Provided technical specification documents for all un-documented systems to help future developers maintain the systems

Maintained existing systems

- Made changes for SEO and analytics reason to MVC Websites
- Created web controls to overcome performance issues with existing web controls

Spearhead Technologies IT Consultant / Senior Developer	February 2005 - May 2008

World market leaders in the documentation solutions providing a service allocation graphical representation of data, guiding clients throughout the full project lifecycle incorporating training and support where required.

Automated processes are created to analyse and manipulate data from a variety of different sources (including XML, CSV, Oracle, Work Documents, Spreadsheets and PDF Documents).

In some cases additional applications are created to extract the data from other applications such as SAP. Once obtained the data is then presented within this application in a hierarchical diagram format. Each application is customised to provide a unique solution to meet the requirements of the client.

This was a highly technical role that also involved close work with the client data, creating tailored solutions on very tight deadlines. I discovered and developed multiple ways to automate and improve the product supplementing the functionality, allowing my co-workers to significantly increase their productivity.

Starting off as the sole developer, I had to work hard to liaise directly with clients, develop solutions, and manage my own time effectively and efficiently, while meeting tight deadlines. As the company grew, I trained staff in usage of the company's products and solutions, and directed my skill set more towards automation, and improvement of the company's core systems. Towards the end of my career at the company, I had developed a graphics engine which was appreciably more powerful than their existing engine, and had begun financial negotiations for the purchase of this application. After having left the company I have not had further correspondence and have considered making the application open source, describing it's development in a book I am currently writing.

Technology made use of includes

- Classic ASP
- ASP.NET 2.0
- C# .NET
- PHP 4/5

- XHTML and CSS
- JavaScript/jQuery
- MySQL 4
- SQL Server 2000/2005

- Access Database
- Adobe Photoshop CS
- Adobe Flash 5 and ActionScript
- netViz

Auto-Placement Technology

- Developed a system which significantly increased the speed for the completion of all projects.
- Implemented a solution involving an increase in automation, removing the majority of manual intervention with all projects
- Devised the new company standard for implementation of projects

SAP Extraction Tool

- Worked alongside the senior software developer from the Military to help me optimise my code to work seamlessly with SQL Server and their sub-systems
- Developed, and was responsible for making an number of modifications to the middle layer software and scripts to improve it's performance and reliability
- Worked closely with tight military standards and procedures

Data Manipulation Tools/Scripts

- Created interactive client demonstration software implementing bespoke controls, using C# graphically representing data from a wide variety of different data sources
- Architected, developed and documented numerous automation scripts and tools facilitating data extraction from a diverse range of data sources (PDF, Excel, CSV, Oracle, Access, MSSQL, SOAP, XML and others). This also incorporated extraction from a varied range of bespoke structures from clients (such as British Petroleum, British Telecom, O2, T-Mobile) that were then transformed to the company's bespoke data source.