

Alexander Feather

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Work Experience

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| 2015 - Present | Developer for CSC, Bath ME
INSERT DESC HERE |
| 2014 - 2015 | Application Developer for Fujifilm, Bedford MA
A contract position working in a small team to develop a system to manage data stored in Fujifilm's Dternity Deep Archive. Web applications were created in ASP.NET using AJAX, CSS and JQuery to allow customers to request data be added or retrieved from the archive and to allow employees to manage customers and their requests. Responsibilities included setting up a virtualized SFTP server where each customer is given their own chrooted environment and logging over the network. Stored Procedures were written to communicate information between the web applications and the SFTP server using a MS SQL database. Python scripts were developed to synchronize user accounts throughout the system and to make content available to the users once it has been requested. |
| 2013 - 2014 | Web Developer for Axvault.com
The commercial guitar website needed converting from a Wordpress and Code Igniter hybrid platform to a pure Wordpress platform. The work included fixing problems on the website and implementing new features such as the guitar search and guitar transfer functions. |
| Summer 2013 | Web Developer intern at BMighty2, Lincoln VT
BMighty2 develops small business websites using Wordpress. Responsibilities included working with PHP, SQL, CSS and JavaScript to develop Wordpress templates, plug ins and widgets which were created or modified to meet the customer's needs. |

Education

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| 2011 - 2014 | BS Computer Science, Loughborough University, England
Graduated with a 2:2 (equivalent to a 3.0 GPA). Final Year Project was titled "The Implementation and Optimization of the SHA2 and SHA3 Hashing Algorithms" which involved implementing the SHA2 and recently chosen SHA3 algorithms in Java as well as researching and implementing optimizations for both programs. The report compared the performance of each of the programs generated based on how quickly they could hash a given set of data. |
| 2007 - 2011 | Westford Academy, Westford MA
Graduated high school with a 2.7 GPA and a 1910 on the SAT. Also completed the Computer Science AP Test with a 5/5, the Calculus AP Test with a 4/5 and the Statistics AP Test with a 3/5. |

Extra-Curricular Activities

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| | Eagle Scout Award
Achieved the rank of Eagle Scout by being heavily involved in my local boy scout troop as well as completing an Eagle Project. The project was to fundraise for and build a set of benches and a brick fire pit at East Boston Camps in my local town. |
| | Order of the Arrow
Very active with the Order of the Arrow which is the National Honors Society of Scouts. It is a youth led organization that performs service for the community as well as to the local Scout camps. |