

# Alexander Feather

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## Work Experience

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| 2015 - Present | <b>Associate Programmer Analyst for CSC Bath Iron Works Account, Bath ME</b><br>Worked closely with the client in order to develop new applications as well as improve existing applications in order to allow the shipyard to continue their work as efficiently as possible. Technical lead on multiple projects including deploying the Cornerstone Learning Management System and upgrading the Deltek Project Management environment. Also gained experience using the Jira Issue Tracking System, Oracle Middleware products and other custom applications used by the shipyard. Most development was done in Java and Visual Basic and included writing Linux, Windows and SQL scripts. |
| 2014 - 2015    | <b>Application Developer for Fujifilm, Bedford MA</b><br>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 MS SQL, AJAX, CSS and JQuery. Responsibilities included setting up a virtualized SFTP server with chrooted environments and logging over the network. Python scripts were developed to perform automated tasks on the server.   |
| 2013 - 2014    | <b>Web Developer for Axvault.com</b><br>This commercial guitar website was converted from a Wordpress and Code Igniter hybrid platform to a pure Wordpress platform. The work also included fixing minor problems with the website and adding new features.  |
| Summer 2013    | <b>Web Developer Intern at BMighty2, Lincoln VT</b><br>BMighty2 develops small business websites using Wordpress. Responsibilities included working with PHP, SQL, CSS and JavaScript to develop Wordpress templates, plug-ins and widgets to meet the customer's needs.   |

## Education

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| 2011 - 2014 | <b>BS Computer Science, Loughborough University, England</b><br>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 based on how quickly they could hash a given set of data. |
| 2007 - 2011 | <b>Westford Academy, Westford MA</b><br>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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|  | <b>Eagle Scout Award</b><br>Achieved the rank of Eagle Scout by being heavily involved in my local Boy Scout troop as well as completing an Eagle Project which involved fundraising and building a brick firepit for East Boston Camps in Westford, MA. |
|  | <b>Order of the Arrow</b><br>Very active with the Order of the Arrow which is the National Honors Society of Scouting. This is a youth led organization that performs service for the community as well as the local Scout camps.                        |