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| **Chad Chapman**  [**cbchapman@alumni.vcu.edu**](mailto:cbchapman@alumni.vcu.edu)  **804-426-0891** |  |
| **Computer Scientist** |  |
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| GitHub: https://github.com/chapmancbVCU |  |
| LinkedIn: https://www.linkedin.com/in/chadchapman2010/  Portfolio: https://chapmancbvcu.github.io/portfolio/dist/index.html |  |

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| **Summary** |
| Highly skilled computer scientist with expertise in Java, JavaScript, TypeScript, Node.JS, Jest, HTML, CSS, PHP, FFmpeg, Eclipse, Visual Studio, Ansible, Atlassian, Confluence, Jira, BitBucket, MySQL MariaDB, phpMyAdmin, Nginx Web Server, webpack, Git, GitHub and multiple platforms including Windows, Linux/Unix, Ubuntu, RHEL/CentOS, and Mac OS X. Proven ability to design, develop, and deploy complex systems and software solutions. | | |

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| **Professional Experience** |

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| **Science Systems and Applications, Inc.** | Hampton, VA |
| Computer Scientist | 08/2012–Present |
| * Provide simulation services for NASA Langley Research Center's Air Traffic Operations Laboratory (ATOL) as a Systems Engineer. * Ensure secure delivery of experiment data to researchers and development team following CIA IT Security industry standard. * Reduce customer's operational costs by designing and deploying video streaming solution using Nginx server that supports live streaming and Video on Demand (VOD) services. * Develop website front end for video streaming solution that references database storing searchable records of videos available to VOD service. * Automate deployment of several generations of configuration baseline with Ansible to hardware assets in customer's test and verification laboratory and production environments, reducing deployment time by 75%. * Implement Python script that reports statistics of error rates from large datasets, assisting the customer in determining the scope of a simulation timing issue. * Develop maintenance tool in Java that generates report of outdated simulation software builds on systems throughout production environment. | |

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| **Education** |

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| **Bachelor of Science in Computer Science** | | December 2010 |
| Virginia Commonwealth University | | Richmond, VA |
|  | *Minors*: Computer Engineering, Mathematical Sciences | |
|  | *Distinctions*: Dean’s List – Spring 2007 | |