Clarence R. White Jr. Ph.D.

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Objective

· Experienced professional seeking challenging opportunities in data science where I can be a part of a high-energy, fast paced team that helps clients identify and apply advanced analytics to improve the quality of decision making.

Core Skills and Competencies

· Programming Languages: Python, R, Matlab, Bash, SQL, Java, etc

· Machine Learning

· Statistics

· Data Science (Exploratory Data Analysis, Hypothesis Testing and Building Predictive Models)

· Natural Language Processing (Keyword Extraction and Sentiment Analysis)

· Familiarity with Scala/Spark

Experience

TECHNOLOGY CONSULTANT – SECURE CODE (SOFTWARE) ANALYST | DXC.TECHNOLOGY/HEWLETT PACKARD ENTERPRISE | FEBUARY 2016 – PRESENT | RALIEGH, NC

· Provided recommendations to clients on techniques to mitigate security weaknesses related to code developed for various environments (such as Microsoft Azure, Amazon Web Services, etc). The implementation of these recommendations led to a more secure cloud environment and a significant decrease in the security risk for the client.

· Reviewed client source code (C, C++, Java, .NET, Python, Bash, etc) for security weaknesses

· Authored code analysis reports based on code review findings. These products were used by the clients to pass gate reviews, which allowed them to move their products closer to production.

· Counseled clients on techniques to mitigate software security issues and importance of adhering to secure coding best practices (i.e. OWASP, CERT, etc). The successful adoption of these practices proved to significantly decrease the amount of vulnerabilities introduced during the developers' coding phases. This was evidenced by subsequent code reviews.

· Led Comprehensive Application Threat Analysis (CATA) – Architectural Threat Analysis reviews as an acting primary reviewer and engaged in CATA – Security Requirements Gap Analysis reviews as a certified secondary reviewer.

SYSTEMS INTEGRATION ANALYST | LOCKHEED MARTIN | JUNE 2012 – FEBUARY 2016 | DURHAM, NC

· Maintained an exceeded performance rating every year.

Army Corps of Engineers

· Entrusted with taking sole responsibility of researching technologies and completing artifacts and designs. These products were instrumental in driving IT related decisions for ACE-IT.

· Lead over 10 projects, include Data Center consolidation:

· Authored over 20 documents ranging from Requirements, Architecture, Design, Standards, Test Plan and Implementation Plan documents.

· Given over 20 presentations at the Engineering Review Board (ERB) that is held on a weekly basis in support of the ACE-IT initiative.

Advanced Analytics for IT Operations

· Developed reporting modules and dashboards using Splunk. Also, created dummy logs for code testing using Java. Used Hadoop to process data.

Hanford Site

· Provided development support for two projects, TRACE (Tool for Response Action Cost Estimating) and FLEDG2.0 – (Field Logging and Electronic Data Gathering)

- Used C# (.NET Framework 4.5.1), SQL Server (Management Studio, Integration Services, etc), Team Foundation Server (TFS) and Visual Studio Team Services (VSTS) for development
· Streamlined the daily processes for the client by making these processes more efficient and less time consuming.

<u>Commercial</u>

· Implemented new contracts module using Salesforce for Lockheed Martin Industrial Defender

PROGRAMMER ANALYST I | MISSISSIPPI DEPARTMENT OF WILDLIFE, FISHERIES AND PARKS | JUNE 2006 – MAY 2012

· Developed a system for the Parks department that is used to generate and track employee contracts up to $100K. This system is used to generate contracts, keep track of funds remaining on contracts and provide contract reports to Directors
· Maintained the database for the organization using MS SQL Server (including Management Studio, Integration Services, Reporting Services, etc)
· Maintained the organizations education system. This system houses scheduled courses, instructors and enrolled students. This system also keeps track of students completed courses.
· Developed and provided revenue reports to Directors. Also provided expense/budgetary reports to the Accounting department
· Maintained a positive performance rating every year.

Education

DOCTOR OF PHILOSOPHY| MAY 2018 | NORTH CAROLINA A&T

· Major: Computational Science and Engineering
· Related Skills: Java, R, Python, Microsoft Windows, UNIX/Linux, Bioconductor, Apache Hadoop/Cloudera, Apache Spark

MASTERS OF SCIENCE| DEC 2013 | JACKSON STATE UNIVERSITY

· Major: Computer Science
· Related Skills: Java, C, C++, MySQL, Microsoft Windows, UNIX/Linux

BACHELORS OF SCIENCE | MAY 2010 | JACKSON STATE UNIVERSITY

· Major: Computer Science
· Related Skills: Java, C, C++, MySQL, Microsoft Windows, UNIX/Linux

PROFESSIONAL

· Courses: SQL Querying: Level 2 (4th Ed.) , Implementing & Maintaining SQL Server 2008 Reporting Services, Lockheed Martin: Experiential Cyber Immersion Training & Exercise (EXCITE) – Intelligence Driven Defense, Data Science for Solution Architects, DXC: Comprehensive Application Threat Analysis (CATA) Reviewee & Reviewer Training
· Certifications: DXC: Comprehensive Applications Threat Analysis (CATA) Certified Secondary Reviewer – Security Requirements Gap Analysis (SRGA) & Architectural Threat Analysis (ATA), EC Council Certified Ethical Hacker (CEH), CompTIA Security+, CNSS Information Systems Security (INFOSEC) Professional NSTISSI No. 4011, VMware Certified Associate – Data Center Virtualization (VCA-DCV)

Organizations/Honors

· Organizations: Omega Psi Phi (ΩΨΦ) Fraternity Incorporated, Association for Computing Machinery (ACM), Institute for Electrical and Electronics Engineering (IEEE), Sigma Alpha Pi (ΣΑΠ) – National Society of Leadership and Success (NSLS), Golden Key International Honour Society
· Honors: Lockheed Martin 2013 SPOT Individual Award Recipient