**Victor Jennings Jr., M.Eng.**

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## EXPERIENCE SUMMARY

## Master's degree and Bachelor’s degree in Industrial Engineering from an Accreditation Board for Engineering and Technology (ABET) university.

## ITIL Foundation Certified in IT Service Management.

## 14 + years combined experience working as an Industrial Engineer and Systems Engineer, utilizing skills such as Project Management, Lean Manufacturing, Six Sigma, Ergonomics & Human Factors, Supply Chain Optimization, Process Improvement, Risk Management, Statistical Analysis, Change Management and Big Data Analytics.

## 7 + years of IT Consultant experience providing overall direction and guidance to project teams, managing project issues & risks and providing agile project performance status reports to senior management.

## Experienced with managing senior level technical Team members including Analysts, Systems Engineers, Software Engineers, and Infrastructure Testers both in an onshore and offshore model.

## Understanding of Software Development Life Cycle (SDLC) and testing of Client/Server & Web Applications for Functionality, Performance, Regression, Integration Testing and User Acceptance Testing (UAT) utilizing HP ALM/HP Quality Center for Test Management and Defect Management.

## Core Competencies include: Windows Server 2003/2008/2012 R2, Red Hat Linux, VMware, Virtual Box, Citrix, Active Directory, MySQL, MobaXterm, Java and Selenium.

## Active Public Trust Clearance

## EDUCATION

### Morgan State University – Baltimore, MD Graduated May 2012

Masters of Engineering (M.Eng) in Industrial Engineering,

Graduated Magna Cum Laude with a GPA of 3.756 on a 4.0 scale.

### Morgan State University – Baltimore, MD Graduated May 2010

Bachelors of Science (B.S.) in Industrial Engineering

Graduated Cum Laude and achieved Dean’s List with a GPA of 3.507 on a 4.0 scale.

**RELEVANT WORK EXPERIENCE**

**SES Corporation-Greenbelt, MD January 2017-Present**

*Senior Systems Engineer/Lead Test Engineer*

* Responsible for developing process flows, defining scope, scheduling, resource management, managing customer expectations, and technical execution, validation, and decommissioning of Systems Engineering Infrastructure Test components on the 2020 US Census Bureau program.
* Managing software testing of large scale government software development project for preparation of 2018 End-to-End Census Test and to test all major components of the 2020 Census.
* Responsible for ensuring IT Infrastructure including hardware, software, systems and network connectivity are configured and developed correctly as per the appropriate Build sheet and Firewall Rules Change Request (FRCR) specs.
* Develop test plans, test cases and test analysis reports and ensure project related test deliverables adhere to policy and meet requirements.
* Utilize AWS Services and VMware management consoles for use of Independent Verification and Validation (IV&V) testing.
* Review Nessus Vulnerability Scan results and coordinate with Security Team to resolve/patch vulnerabilities.
* Create, verify, prioritize, track and resolve defects using HP ALM. Use HP ALM for writing manual test cases and executing them.
* Develop and execute SQL queries using TOAD and store procedures to validate the data.
* Recommended controls by identifying problems and writing improved procedures.
* Develop Knowledge Based Articles (KBAs) and Standard Operating Procedures (SOPs) for the purpose of cross training, knowledge transfer and improved user satisfaction.
* Utilize LoginVSI to generate workload for Performance & Scalability testing as well as cluster Stress Testing, and utilize tools such as AppDynamics, Tanium, Oracle Enterprise Management (OEM) and VMware vRealize Operation Manager for monitoring and reporting.
* Utilize Java and Junit framework for automated Test Driven Development (TDD) for both system integration testing (SIT) and user acceptance testing (UAT), on large government software development programs.
* Participate in the change management cycle by representing Infrastructure Test Team during daily Change Advisory Board (CAB) meetings and providing verification for all newly provisioned systems and requested changes.
* Decommissioning of all software and hardware components including databases, servers, load balancers, applications, etc.

**Accenture-Arlington, VA****April 2013- January 2017**

*Systems Integration Consultant/Project Manager*

* Responsible for Program Level Reporting, Resource Management, Budgeting, Risk/Issue tracking and resolution for large scale Social Security Administration (SSA) government project.
* Managed finance, operations, staffing, and technical support teams for Accenture’s Baltimore office.
* Lead weekly meetings with task order leadership to ensure clients’ expectations regarding budget, scheduling, and quality were consistently exceeded.
* Utilized Project Management and financial skills to help ensure all Firm Fix Price (FFP) contracts remained profitable with an Operational Income (OI) of at least 14.6%.
* Collaborated with SMEs and SSA clients to successful utilize Amazon Web Services (AWS) to migrate millions of Person Identifiable Information (PII) from legacy systems, into an IaaS cloud architecture, for improved SSA record handling and storage.
* Developed and executed activities related to end-to-end project management, including developing new project plans and estimates, and gathering requirements for the implementation and deployment of a large-scaled, innovative software system.
* Became Subject Matter Expert in BMC Remedy, an IT service management suite, and created business processes for Remedy support, service/incident management requests, and ticket tracking.
* Provided overall direction and guidance to onshore and offshore project teams by managing project issues & risks and providing agile project performance status reports to senior management.
* Established productive internal/external client relationships and served as a point of contact between project teams and client.
* Conducted risk assessment activities in order to mitigate or avoid potential project risks.

**General Electric Aviation– Middle River Aircraft Systems- Middle River, MD Nov. 2010 – July. 2011**

*Industrial Engineer* /*Lean* *Manufacturing Engineer*

* Applied Lean Manufacturing and Kaizen principles to the Boeing 747-8 contract valued at over $1 billion dollars.
* Actively used risk, project and process management skills to establish an environment that maximized efficiency and increased production while considering costs, waste, and the overall strategic vision of the organization.
* Utilized 5S as part of a Kaizen continuous improvement process to improve workplace organization, and developed Kanban boards to monitor production and inventory workflows.
* Performed statistical analysis on 747-8 data using Minitab and Excel to advance process improvement and quality improvement of the Boeing 747-8 thrust reverser.
* Designed ergonomically sound hardware tools to minimize potential risks and injuries and improve shop workers speed and efficiency.
* Conducted time studies to capture and improve non-value added time cost drivers.

**Morgan State University School of Engineering- Baltimore, MD Aug. 2006-Dec. 2011**

*Systems Engineering Researcher*

* Utilized Information Technology (IT) and systems integration to link the components of various Web Crawler, Scraper, and Data Mining subsystems to create one compatible and integrated system.
* Developed Data Mining and Extraction workbench, for use of the United States Military, to gather unclassified statistical data from the World Wide Web, pertaining to the war in Iraq, to forecast “hot spots” in which terrorist activity was likely to occur.
* Applied System Development Life Cycle (SDLC) methodologies to develop a Human, Cultural, Social, and Behavioral platform of information pertaining to the Iraqi and Somali people to create profiles of the likelihood of a particular class, religion, background, etc., engaging in terrorist activity.
* Utilized Enterprise Architect and I-Grafx to model Data Mining and Extraction technologies and used Database Management tools such as MySQL and Microsoft Access to manage and structure the data.

**TECHNICAL SKILLS AND KNOWLEDGE**

# Skillful in BMC Remedy, JAVA, Selenium, Eclipse, AutoCAD, Maple, MATLAB, Minitab and Enterprise Architect (EA).

# Proficient in utilizing LoginVSI to generate workload for the purpose of conducting large scale

# Performance & Scalability testing and cluster Stress Testing.

# Exposure to a variety of Cloud Platform as a Service (PaaS) technologies such as Piviotal Cloud Foundry,

# IBM Bluemix, Salesforce, and Heroku.

* Proficient with using Microsoft PowerPoint, Microsoft Word, Microsoft Excel and Microsoft Visio.
* Knowledgeable in Test Driven Development using Junit methodologies for automated testing.
* Proficient with utilizing tools such as Mobaxterm for connectivity testing for Red Hat Linux servers and AWS EC2 Dashboard for security group validation.
* Experience utilizing Tanium for Window Server 2012 R2 and Red Hat Linux server build validation as well as utilizing VMware vSphere Web Client, vRealize Log Insight & vRealize Network Insight (vRNI) for network monitoring.
* Familiarity with AWS Services such as EC2, S3, IAM, RDS and CloudWatch.

**CERTIFICATIONS**

* Information Technology Infrastructure Library (ITIL) 4 Foundations **2020-present**

#### PROFESSIONAL ORGANIZATIONS

* International Association of Engineers (IAENG) **2012-present**
* Tau Beta Pi Engineering Honors Society **2009-present**