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| MOKELI PELAMOKO  *Dumfries, VA*  [*mipelamo@gmail.com*](mailto:mipelamo@gmail.com)  *919-244-817*4 | | |
| Education | * M.S., Business Analytics, The George Washington University * B.S., Computer Engineering, North Carolina State University * B.S., Electrical Engineering, North Carolina State University | |
| Certifications & Clearance | * Six Sigma Blackbelt * ICAgile Certified Professional (ICP), International Consortium for Agile | |
| Years of Experience | * Over 13 years of management consulting and analytics experience | |
| Technical Skills | * Python * R * SQL * Pig * Java * Visual Basic * Microsoft Access * Amazon Web Services | * SAS * Unix * Tableau * MySQL * Hadoop * SAS Enterprise Miner * JMP * Apache Spark |

**EXPERIENCE SUMMARY**

Mr. Pelamoko is a data scientist in Booz Allen’s strategic innovation group with over 13 years of experience across a variety of industries and clients. Mr. Pelamoko has experience using statistics and machine learning to find actionable insights as well as presenting those insights both orally and with visual dashboards and automated reports to clients. Mr. Pelamoko is skilled in data wrangling, feature engineering, model evaluation, and deployment. He is fluent in Python, R, SQL, SAS, Hadoop, and Tableau and has experience with Apache Spark and Amazon Web Services.

**CURRENT AND RELEVANT WORK EXPERIENCE**

**BOOZ ALLEN HAMILTON**

***Lead Associate Apr 2017 – present***

Mr. Pelamoko worked as a Data Scientist assisting Veterans Affairs Veterans Benefits Administration (VBA) identify fraud and assess data quality of its corporate database. Mr. Pelamoko developed an automated process for assessing and scoring the data quality of records in VBA databases resulting in a list of records for triage and remediation by the VBA. He also assisted in brainstorming and exploring VBA datasets to identify fraud victims and fraud schemes by utilizing various methods such as Association Analysis, Dimensionality Reduction, Clustering, Gradient Boosting Trees, and Web Scraping. Mr. Pelamoko volunteered as Data Scientist for monthly newsletter on illicit trafficking activities. He obtained and explored publicly available datasets on illicit activities, and he created visualizations with Tableau to present his findings. In support of internal Booz Allen marketing initiative, Mr. Pelamoko developed web application to display telehealth utilization of Veterans Administration hospitals. He wrote HTML and PHP scripts that captured user input on web form and saved it to MySQL database.

**IBM**

***Advanced Analytics Data Scientist Dec 2016 – Mar 2017***

Mr. Pelamoko developed weekly advanced statiscal reports on mail accuracy and performance for the US Post Office. Mr. Pelamoko worked with practice leaders to understand, prepare, and analyze data to predict emerging trends and provide recommendations to optimize business results. He wrote SAS scripts that performed data extraction, data cleaning, data aggregation, and report. He also wrote Visual Basic scripts to automate the SAS outputs into weekly PowerPoint dashboards. Mr. Pelamoko collaborated with Program Management to define data cleaning rules.

**TRANS-TECH, SUBSIDIARY OF SKYWORKS**

***Sr. Quality Engineer Sept 2012 – Nov 2016***

Mr. Pelamoko worked as a Senior Quality Engineer serving as a subject matter expert on statistical analysis, Scrum, and Lean Six Sigma. He established and led project teams in planning, defining, and guiding root cause investigations and Six Sigma projects. During his tenture, Mr. Pelamoko conducted 15 Kaizen events and created an internal Six Sigma program that trained 4 Green Belts and over 150 White Belts. For example, Mr. Pelamoko led a Kaizen event that used statistical analysis to eliminate redundant testing leading to 60% reduction in testing time. He developed and presented Quality System metric wth a focus on KPI targeting and trending analysis to Senior Management on a regular basis. Mr. Pelamoko performed, using R and SAS JMP, statistical analysis such as an ANOVA, Design of Experiments, Regressional Analysis, and K-Means clustering to identify sources of process variations.

**DISCOURSE ANALYTICS**

***Data Analytics Intern Feb 2016 – June 2016***

Mr. Pelamoko worked as Data Analytics Intern creating new features focused on non-cognitive variables impacting college students’ success. He created the new features by analyzing, joining, and aggregating client CRM, social media, and mobile interactions data in R. The developed features were used in Company’s Bayesian inference models. He wrote PostgreSQL scripts to ingest raw client data into the company’s data warehouse for modeling.

**LASERAGE TECHNOLOGY CORPORATION**

***Quality Engineer / LEAN Kaizen Facilitator Aug 2009 – Sept 2012***

Mr. Pelamoko supported quality assurance activities and led continuous improvement activities. In this role, he liaised between design, manufacturing, senior management, and external clients ensuring product manufacturability, robust design, and compliance with regulatory requirements. Mr. Pelamoko led larger-scale initiative to analyze, document, and align processes and operations to ISO13485. He also designed and developed MS Access databases using SQL and MS Visual Basic for the collection, tracking, and reporting of key manufacturing metrics leading to 45% reduction in scrap. He also wrote and automated Excel programs using Visual Basic to increase operator efficiency and automate repeatable tasks.

**BOSTON SCIENTIFIC**

***Quality Engineer Sept 2006 – Dec 2008***

Mr. Pelamoko provided engineering support for component inspections by conducting root cause investigations, determining actions required to eliminate root causes, and implementing corrective actions. He conducted process mapping and time/capability studies to improve throughput, eliminate bottlenecks, and ensure adherence to customer specifications. He developed qualification test plans, qualification reports, first article reports, and manufacturing work instructions. During his time at Boston Scientific, Mr. Pelamoko designed and implemented a Kanban system for inspection cell which reduced lead time from 7 to 3 days and reduced scrap rate on wafer die cracking by 50%.