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Dedicated and dynamic professional possessing a proven track record of superior performance, seeks to leverage expertise in Program Execution, Data Analytics, Economic Development, Operational Optimization, Regulatory Implementation, Strategic Reporting, and Cost Control to support key initiatives and profitability within a progressive organization.

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- SUMMARY:**
- Support operations through implementation and management of best practices.
  - Work proactively to ensure best service and logistical coordination to meet client needs.
  - Assess and optimize processes to control costs and enhance profitability.
  - Provide execution of functions with professional demeanor to support public relations.
  - Plan and execute program related initiatives to meet key operational goals.
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- EXPERTISE:**
- Data Analytics
  - Data Visualization
  - Applied Data Science
  - Economic Development
  - Machine Learning Principles
  - Project Development
  - Statistical Analysis
  - Structure Analysis
  - Strategic Reporting
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- EDUCATION:**
- COLUMBIA UNIVERSITY** Conferred 2018  
(GPA 3.7)
- Master of Science degree in Applied Analytics
- Key Coursework:
    - Applied Analytics Frameworks & Methods
    - Modern Database Architecture
    - Data Visualization & Design
    - Building a Data-Savvy Organization
    - Analytics & Leading Change
    - Machine Learning Concepts and App
    - Python for Data Analysis
    - Research Design
    - R Programming for App Analytics
    - Applied Analytics in Org. Context
    - Story Telling With Data
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- RUTGERS UNIVERSITY** Conferred 2015  
(GPA 3.7)  
(GPA 3.8)
- Bachelor of Arts degree in Economics
- Associates degree in Mathematics & Psychology
- Leadership:
    - Rutgers Economic Society: President (Fall 2014 – Spring 2015), Treasurer, and Secretary
    - Alpha Phi Alpha Fraternity, Inc.: President (Fall 2013 – Spring 2014) and Secretary
    - Philadelphia Advocates for Community Beautification (Philly ACB): Vice President
  - Key Coursework:
    - Unified Calculous 1, 2, 3 (A) (A) (A)
    - Statistics 1& 2 (A)
    - Elementary Differential Equations (A)
    - Econometrics (A)
    - Linear Algebra (A)
    - Honors Thesis in Economics (A)
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- TECHNOLOGY:**
- R
  - Python
  - MySQL
  - Aurora XMP
  - Excel
  - MongoDB
  - Tableau
  - Access
  - PowerPoint
  - Django
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- EXPERIENCE:**
- RUTGERS HEALTH** 2018 to Present  
New Brunswick, NJ
- Rutgers Biomedical and Health Sciences*
- Senior Data Analyst
- Maintains the RHG Practice Operations Dashboard (financial and operational data for all RHG practice divisions) and other databases; coordinates and communicates with practice division point stakeholders to continually refine, improve, and advance RHG data presentations, so they can be easily understood by diverse audiences.
  - Collaborates with various departments, practice groups, and organizations in order to perform data mining and querying functions on large healthcare-related data sets (operational, financial, quality, patient satisfaction, claims, and other payer, provider, and patient-provided information points).
  - Undertakes essential data integrity, analytic and report generation tasks and conducts data consistency and quality checks.
  - Functions as a seasoned professional with strong skills in planning, organizing, and completing data requests and reporting projects.
  - Assists with the coordination of Rutgers Health Group submission of data to state, federal, media, independent agencies, and other external stakeholders. Designs and develops application programs and files for data management and warehousing.

**RUTGERS UNIVERSITY***Economic Department – College of Arts and Science*

Adjunct Professor

2018 to Present

Camden, NJ

- Prepared the course curriculum for ***Economic Reasoning and Applications***.
- Coordinate with Department Chair to determine effective submission and completion of necessary course topics in curriculum

**GABEL ASSOCIATES***Energy, Environmental, and Public Utility Consulting*

Associate , Senior Data Analyst

2015 to Oct, 2018

Highland Park, NJ

- Actively supports clients with project development through comprehensive data modeling, economic and financial analysis, which includes long-term power forecast, sensitivity forecasting, and cost/benefit analysis. Mr. Onwuka has also attended training sessions and utilizes AURORAmp, an established energy price forecasting model that provides long term projections for all regions of the country.
- Supports PJM related issues associated with energy and capacity markets, energy efficiency, demand response, and ancillary services. Mr. Onwuka has also reviewed FERC filings associated with PJM's Capacity Performance model.
- Reviews and analyzes tariff structures for different utilities. Since Mr. Onwuka understands the composition of tariffs, he can apply that knowledge to conduct thoughtful analysis around energy projects.
- Evaluates environmental regulations, including the price impact of the Regional Greenhouse Gas Initiative (RGGI), the cap-and-trade program intended to reduce CO2 emissions from power plants.
- Is knowledgeable on the structure and processes associated with energy procurement programs. Mr. Onwuka supports bidding activities including data management, request for bids (RFB) administration, supplier interaction and interface, and customer service inquiries. He also assists with logistical and transition activities.
- Conducts renewable energy project development and cost research to support a PJM Class I renewable energy certificate (REC) supply and price forecast. He has also assisted with REC procurement processes.

**AIG**

Statistical Data Analyst - Capstone

2017

New York, NY

- Created a classification algorithm to determine the appropriate "peer" group for AIG's property & casualty business, across a sample of 5,000 insurance companies.
- Employed data mining techniques using information from SNL Financial databases in the global banking sector, covering approximately 29,000 monetary financial institutions to create performance benchmarks for AIG's property & casualty business.

**MAIN STREET WOODBURY, Inc**

Research Data Analyst

2011 to Dec, 2013

Camden, NJ

- Conducted critical research surrounding the economic restructuring of the City of Woodbury by employing survey data to identify new market opportunities for the traditional commercial district.
- Found new uses for historic commercial buildings to stimulate large-scale investment.

**HIGHLIGHTS:**

- Rutgers Economic Department Award 2015
- Bennett Sedecca Economic Scholarship (2)
- General Electric C2C (College 2 Corporate)
- Omicron Delta Epsilon Economic Honor Society
- Dean's List Recipient (6)
- Honors Thesis in Economics
- Individual Study in Economics