

SAMUEL WADE

samuelrcwade@gmail.com

979-676-9860

EDUCATION

Texas A&M University, College Station, TX

B.S. Industrial Distribution, December 2018

SKILLS

Software Development

Methodology: Software Development Life Cycle, Agile/Scrum, Waterfall, Test Driven Development (TDD), Automated Testing, Continuous Integration/Continuous Delivery (CI/CD), DevOps, front end design using HTML/CSS, Data Engineering, Programming, Data Management, Integration Testing, OOP, SRE, Data Structures, Algorithms, Supply Chain Management

Tools: Git/Github, Selenium, Jupyter Notebook, IDEs (PyCharm, Visual Studio Code)

Public Cloud

Object-Oriented Programming Languages: Python, Visual Basic

Deployment

Google Cloud Platform (GCP) – Certified Cloud Architect, Heroku

Web Development

Python Streamlit Framework, Python Django Frameworks

ERP

SAP Procurement System

Data Technologies

Oracle SQL Relational Databases, Teradata SQL Relational Databases, DataProc, BigQuery, Big Table, Statistics, Microsoft Excel Advanced Analytics, Macros, VBA

EXPERIENCE**C&S Wholesale Grocers****April 2019 - Present****Project Manager (Role: Software Engineer)****Work Force Management System**

- Decreased supply chain optimization planning effort from two weeks to two hours and improved staffing assignments by 25%, through the development of a web-based, highly scalable work force management simulations tool that recommends optimal staffing assignment use cases which achieves daily production business requirements and maintains a cost-effective five-day work week, helping to improve staff retention.
- Implemented using the Streamlit app framework, Python analytics libraries (e.g., PuLP, pandas, etc.), and third-party schedule architecture algorithms. Automated unit testing and troubleshooting using Python Pytest library and deployed in Heroku. Displayed effective verbal communication skills with stakeholders, to determine requirements which would maximize user experience.
- Exhibited understanding of business drives and take ownership in ability to adapt to learning new technologies, to determine the most efficient utilization of cloud computing, analytics, data technologies, and deployment strategies. Successful project implementation showed evidence of committed and self-motivated subject matter expertise, flexible, multi-functional, service-oriented, analytical, and collaborative critical thinking skills.

Decision Support Systems

- Decreased the effort of logistics analysis and reporting by 100% through the automation of data extraction, data analysis, quantitative mathematical analysis, and reporting of both historical and weekly labor forecasts for 400-person warehouses. Demonstrated ability to prioritize conflicting demands in a demanding environment, managing expectations of business stakeholders through effective communication.
- Developed and deployed a web dashboard of key metrics for the logistics team for faster analysis and decision making, deployed in Heroku, using the Streamlit framework, Python libraries including Pandas, NumPy.

Automation of Manual Processes

- Decreased report generation time from 30 to 1.5 seconds and increased reliability rate to 75% from 0% through automation of reports summarizing big datasets. Implemented using Python with pandas & Matplotlib libraries.
- Generated savings of \$30,000 per week, through the development & deployment of web software applications which identified warehouse productivity issues and defect rates, including proposing improvement strategies.
- Decreased monitoring effort by 50%, through automation of the personnel tracking system.
- Automated extraction of data pipelines and cleansing from Teradata SQL servers using Teradatasql Python analytics library and Python libraries including Pandas and NumPy. Gathered requirements from the warehouse operations team, while coordinating with the warehouse management IT team, exhibiting strong team building, partnership, and collaboration skills.

Corps of Cadets, Texas A&M University**August 2014 – May 2018****Scholastics Officer, 1st Brigade**

- Managed a fast-paced scholastic program of a unit of 250 cadets with passion achieving the highest average GPA among the entire corps consisting of over 3000 cadets, through hands-on tracking and analysis of performance metrics.