Arturo White, Page 1

**Arturo White**

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**GitHub:** <https://github.com/Arturowhite17>

**Website:** arturowhite.info

**EDUCATION**

**Georgia Institute of Technology**, Atlanta GA

**Post-Graduate Professional Data Science and Analytics** **Certificate | 2019**

SQL, Python, Frontend & Backend web development, Dashboards, ML, & AI

**Benedictine University**, Lisle IL

**Master of Business Administration** | **Finance |** 2016

**Fort Valley State University**, Fort Valley GA

**Bachelor of Science Biotechnology |Computer Science Minor**| 2012

**PROFESSIONAL EXPERIENCE**

**Delta Air Lines**, Full Time (Onsite)

**Senior Enterprise Data Analyst – Data Engineer** Jun, 2022 - Current

* Cloud support and infrastructure engineering and development for data pipelines
* Serverless: AWS Lambda ETL development, Python programming, AWS SDK, Cloud Formation
* Server: Linux
* Informatica: pipeline mapping and workflow development ; Pipelines AWS PySpark, Glue, EC2, Airflow
* SDLC: monitoring & Test driven development for enhanced automation
* Agile: software project methodology; Crisp DM standards: data requirements gathering and processing
* Tool development with Python: CLI, modular packaging for data manipulation and testing, OOP class methods and properties.
* Hands on Architecture Design, ETL process development, Curation of Customer Data, and pipeline automation for the Data Science team (mapping aggravates for use with One hot encoding) and dashboarding report usage .
* Documentation management via Git repositories such as Entity Relationship Diagrams, data chain of custody, and Architectural visuals.
* Curation of tables and view using knowledge of customer ribbon to create OLAP functions in SQL, Python, or Tableau at various levels of detail (LOD); Ensuring confluence between all levels of detail.

**Everbridge**, Fully Remote

**Senior Enterprise Data Analyst – Analytics Engineering** Aug 2021 - Current

* Bulk and Incremental Data ingestion into Snowflake enterprise data warehouse from disparate data source APIs (Airflow, AWS, Postman)
* Snowflake & Salesforce online Account Admin
* Embedded analytics with Tableau & Python, and web technologies (JS, CSS, etc...)
* Use and experience with ETL, ELT, & CDC frameworks for data pipeline architectures.
* Advance SQL usage for data modeling business processes
* Deliverable management and administrator with Jira, issue tracking, and Kanban boards (Agile scrum)
* Administrator for GitLab repository for version control of digital assets (Git)
* Creator of processes documentation for business continuity using Confluence and shared information repositories
* Data migration and requirements gathering using the CRISP-DM model
* Data management best practices to observe risk compliance to FedRAMP requirements
* Technical writing skills for reporting to senior management team and cross functional team stakeholders.

**Wells Fargo**, Fully Remote (contract)

**Business Initiatives Consultant – Technical support function**, Nov 2020 - Aug 2021

Daily activities include data enrichment and technical support and solutions efforts tied to commercial distribution finance, while maintaining Wholesale BSA/AML best practices.

Responsibilities include building tools, coordinating, delivering production data mining and analytics in the form of weekly and ad hoc reporting. Relational strategies by implementing and analyze data-related to multiple projects and initiatives for the vertical business units of Commercial Distribution Finance

* Acts as a liaison between internal clients, business units and technical functions (IT, development teams, etc…) by planning and conducting the analysis of current state and future state design.
* Conducts data validation activities via ETL of data, analysis of logic/ calculations and systems deep dives to understand and report on current state. This ensuring all

Arturo White, Page 2

**Experience Continued**

* redundancies, deficiencies, failure points and constraints are understood and addressed following reporting.
* Support for CRM roll out and data migration across regions (EMEA, ANZ, ASIA, NA)
* Development of new CRM roll out dashboard using Tableau integration into Sales Force.
* Data model design for Cloud data, flat files, and data repository information to for bi-weekly and adhoc reporting for internal consumption.
* Oversees the completion on internal team metrics on a monthly and quarterly basis to ensure project quality and continuous improvement.
* Business Intelligence Tools used: Excel dashboards using Power Query/Pivot with Dax & VBA functionality, Tableau dashboarding, Salesforce for custom project tracking
* Custom tools/CRUD app web development using JavaScript - Vue.js (CLI & CDN), Bootstrap, Axios – http request handling & routes, Vuex – state management, Mongodb - backend
* Diagraming and Planning using MS Visio and MS PowerPoint, SharePoint & Jira

**Gerresheimer**, Peachtree City, GA

**Data Analyst**, Jan 2018 – Sept. 2020

Gerresheimer is a global Medical Device System development company and OEM including primary and secondary packaging supplier for Pharma and Medical device customers. Core competencies based in process automation equipment and injection molding expertise.

* Data Analyst activities supporting business decisions include but not limited to, Use of SQL to segment, transform, and extract Data from SAP ERP for Transformation and loading into monthly status reports and dashboards using Tableau & Excel.
* Sales support customer cost data with Extraction, Transformation, Loading (ETL) to gain actionable data insights and reporting of KPIs (ROI, average turnover, customer satisfaction). Data cleaning and combining from multiple sources.
* Global core team management and organization, over multiple time zones (Europe, Asian, and US). Hands on and support with global engineering and software teams for networked
* based medical device projects. Wearables and IoT MDS products for dosing mechanisms, inhalation devices, and injectables.
* Used product development requirements (PRD/URS) to develop verification testing and validation SDLC, which includes unit testing, version control, use of best practice design patterns. Use of Agile and waterfall project management methodologies
* Data Cleaning using Excel Pivot tables, Excel VBA, Excel Power Pivot, and Python Pandas module, so that data is uniform per requirements and criteria scoped.
* Maintain accurate project information (Meeting Minutes, Open Items tracking), process flow documents (Microsoft Visio), and Microsoft Office Project Plans
* Organizing and collaborating with core-team SMEs & cross functional groups
* Validation and Verification defect tracking and test cases for risk management and continuous improvement

**Johnson & Johnson Inc.**, Athens, GA

**Scientist** (Chemical Validation Specialist & Quality Engineer), 10/2014-12/2017

Improvement of Test Method transfers/ creation of Test Method Validations; performance of Instrument Qualifications, Operation Qualifications, Computer System Validation for part 11 compliance, and process qualification that assisted in the development of new medical devices.

* Maintained of Quality Operations/ Systems Regulations and Medical Device GMPs, GLPs, GxPs, for Health Care Compliance for BSI, FDA, and other regulation interest (e.g. CFR 21 part 820/11/etc...).
* Continuous improvement support via 5s and lean manufacturing practices, using statistical process control charting and Advance MS Excel & Minitab for data reporting.

Arturo White, Page 3

**Experience Continued**

* Technical writing and reporting within change management for maintenance and retention of data to support regulatory compliance efforts of site for all validations designed (DOE, ANOVA, T-Test).
* Computer System Validation (CSV) and part 11 compliance management for FDA/BSI (CFR 820/802/21 etc…) medical device requirements – unit testing to confirm output for software and API scripts for user authentication levels, and audit trail tracking.
* Data Cleaning and Excel reports

**TECHNICAL SKILLS**

**PM Tools & Methodologies –** SAP/ERP, **Microsoft Project**, **Microsoft Visio**, Project Risk Management Tools, Requirements gathering, KPI Tracking, Budget & Scope management, **Stakeholder and customer (internal & external) reporting (adhoc or routine).**

**Data Analytics: Languages** –**VBA Excel Scripting**, Python, & **SQL** | **Version control** – Git, GitHub, & GitLab | **Software** – **Tableau, Power BI,** **Advance Excel (Pivot Tables)**, Postgres, **MS Power point, SalesForce**. SAP Business Objects Web Intelligence 4.2| **Techniques** – **Dash boarding**, Data Modeling, Forecasting, ETL (Extract, transform, load), Machine Learning (Decisions tree, Linear Regression), & Object Orientated Programming. | Development Frameworks – Vue.js, React.js, BootStrap.

**PROJECTS**

**Achieving Affordable Housing in Atlanta | 2019**

**Full stack Data Visualization** - **Site:**  [**http://www.aahatl.com**](http://www.aahatl.com/)(ML & Full Stack Web Development Regression Analysis) - [**GitHub**:](https://github.com/anovas2/aaha_web/tree/master/website/templates) [**http://bit.ly/2YWicPa**](http://bit.ly/2YWicPa)

Summary:

* Creation of a machine learning model based on Random Forests which was used to predict within $75 the Fair Market Rent (FMR) for any location in the metro Atlanta area.

**Extraction, Transformation, And Load Technical Report– Nov 2019**

**SQL & ETL Data Science - project**: [**http://bit.ly/2EojSrn**](http://bit.ly/2EojSrn)

Project -<https://github.com/deanthoms/etl_project>

Summary:

* Data analytics proposal and hypothesis developed for exploring Kaggle, opensource health databases and APIs. Data was extracted and cleaned using Excel VBA & Pivot tables, and Jupyter Notebook (with pandas). Numpy and Plotly were used for aggregation and statistical analysis. A word document and powerpoint presentation of finds were submitted and presented to an audience of fell peers and data analyst.

**Professional Certifications**

**CompTIA ITF+ Certified -** 2020

Candidate ID - COMP001021761141

Verification Code: 3JE291DPYGF1Q0WY

**Amazon AWS** Cloud Practitioner – 2021

Candidate ID: AWS01767545

Validation Number GYCB23SLBMBEQWWY

**Amazon AWS** Developer - Associate – 2022

Candidate ID: AWS01767545

Validation Number DL67FF42RN14QBGX