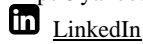# Ronnie Lee Phillips II

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 GitHub   in LinkedIn

Analytical, energetic, and result-driven analyst with an ever-broadening knowledge base in business and analytics. Experienced in SQL database management, ETL, Python, Tableau, business intelligence, data visualization, EDA, and machine learning. Passionate about improving processes and bringing a data driven mindset to all.

Technical Skills:

Languages: Python, JavaScript, SQL, Amazon AWS, R, C++	Leadership Skills
Data Visualization: Tableau, Pandas, Power BI, Matplotlib, VBA, Jupyter Notebook, HTML/CSS, CoLab, R, and Excel	Meticulous Attention to Detail Superb Problem-Solving Skills
Modeling: Logistic regression, Linear regression, GAM, SVM, and Clustering	Analytic Thinker
Machine Learning: Supervised and Unsupervised (Scikit-Learn, Keras, TensorFlow)	Outstanding Communication Skills

Technical Projects:

NFL Fantasy Football AI Predictor - *NFL Fantasy Football AI Website & NFL Fantasy Draft Predictor Repository*
- Built an interactive application that predicts sleepers in fantasy football drafts with 99.5% accuracy to leverage engineered features to predict league winners versus their Average Draft Position. Over 10 databases Targets ran into over 400+ Machine Learning models and built a Heroku deployed website behind it.
- Performed ETL process, web-scraped ESPN for rookie predictions, munged and cleaned data from several sources, split the data into training and test sets, Normalized with Standard Scaler, and utilized SMOTE to address imbalance data.
- Logistic Regression provided the best performance.
- Built a website using HTML, Bootstrap, CSS and published through Heroku that shows predicted value versus average draft position with a built-in feature to draft a lineup.

NYC Citi Bike Visualization - *NYC Citi Bike Tableau Dashboard*
- Designed NYC Citi Bike sophisticated visualization of interactive bike stations utilizing across the city by combining multiple years data then using HTML, d3, CSS, API, Leaflet, JavaScript
- Built Tableau dashboard to provide insights into examining the rider duration, type, statistical analysis, and preferences in an effort to visually answer city officials, public administrators, and heads of New York City municipal departments question regarding the program.

Gun Violence and Control in America – *Analyzing Gun Violence Repository*
- Performed ETL process on mass shootings data, FBI background checks, accidental discharge, and compared with state regulations built on a Postgres (PgAdmin) database.
- Built a Flask App that utilized API calls to display interactive maps using Polt.ly, Mapbox, with Sankey and radial bar charts, HTML, and CSS with Leaflet and JavaScript
- Visualizations indicated events showing shootings, number of people injured and the total number of gun control laws by state in an effort to
  to identify trends that might point to some root causes though a look at commonality among incidents. My hope was research can help others find a path that will lead to a solution.

Professional Experience:

Phillips Defense Initiatives, LLC • McDonough, GA *Operations Analyst*   **24017-2022**
- Provide analysis and monitored orders, such as building alerts on background investigations and building historical reports from the ATF. Provided support for team on data needs and dashboard creation.
- Digitized all input of sensitive data and logs of all firearms and clients in a clear, organized, and concise manner in regard to all federal policies and procedures.
- Created basic Excel Macros for better sheet functionality and to build more robust reports.
- Administered, coordinated, and performed inspections, background investigations, and advisory work to assure compliance with all ATF and FBI NICs laws and regulations that come with a Federal Firearms Licensee.
- Created queries, reports, and interpreted data to meet federal, state, and accrediting regulations.
- Effectively managed and directed the activities of the branch team. Worked through other people to accomplish objectives, delegated properly and encouraged peak performance through courtesy, respect, motivation and feedback. Held everyone accountable to high standards while being fair and objective with employees.

Republic Social House • Atlanta, GA *General Manager*   **2013 – 2021**
- Developed a network of highly skilled, organized, service-oriented, and focused staff of professionals that led to strategic common-core relationships as well as a profitable, efficient and effective work environment.
- Displayed high level of commitment, credibility, and dependable behavior that led to appointment of district manager.
- Conducted profit and loss margins analysis weekly, maintained payroll, produced weekly scheduling, lowered and maintained excellent supply costs, and maintained books for accounting.
- Provided general oversight and hands-on leadership in quality and assurance needs in restaurant, bar, and food safety and storage.
- Assessed current and future staffing needs using merit to ensure proper staff was selected then directed, recruited, trained, evaluated, awarded, disciplined and managed employees in all positions with minimal supervision.
- Responsible for purchasing inventory, while demonstrating enhanced product knowledge to meet, and exceed profit and loss margins, impacting the success for the establishment with a thorough and precise attention to detail.
- Provided a confident yet motivational atmosphere in the workplace that built energy, vitality, which generated excellent service ratings with positive viable results.

Additional Experience:

CSU Genetic Transformation Program • *Teaching Assistant*
- Demonstrated proficiency in utilizing laboratory instruments for a wide array of experiments, including: gene cloning, DNA isolation, PCR, Southern Blotting, ELISA, SDS PAGE, Western Blotting, electrophoresis, restriction digestion, preparing and loading gels, and gene detection for sickle cell anemia.
- Executed a variety of experiments that enhanced student skill level, to develop understanding of antigen/antibody complexes, aseptic technique, bio-chemical testing on various microbes, microscopes, streaking, gram-staining, acid-fast staining, endospore staining, and cellular morphology.
- Performed experiments involving plasmids with a Kanamycin resistance gene.
- Transformed bacteria with peGFP and plating on antibiotic and agar plates.

Henry Co. Storm Water Management • *Analyst*
- Reported internal data to external sources.
- Member of strategic leadership team that utilized and directed GPS systems, sampled, incubated and pipetted E. Coli in rivers and streams of Henry County in an effort to remove EPA listed streams for fecal coliform.
- Provided technical assistance for laboratory projects.
- Other duties included: dry water screenings and overall management of storm water.

Education:

Georgia Institute of Technology Atlanta, Georgia	Data Science and Analytics Program	2022	4.0	GPA
Clayton State University Morrow, Georgia	B.S., Biology – Minor Chemistry	2014	3.9	GPA

Scholarly Memberships:

American Medical Student Association, Member	National Dean's List, Member
Tri Beta- Biology Honor Society, Member	Adopt-A-Stream, Analyst