

# Jade Aidoghie

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## SKILLS

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- SQL (Postgres, MySQL, SQL Server)
- NoSQL (MongoDB)
- R
- Python
- Tableau
- Java
- JavaScript
- Front end development (HTML/CSS)
- Statistical Analysis
- Data Analysis
- Database Management
- Team Collaboration
- Agile Methodology
- VB.NET
- Microsoft Office Suite (Excel, Word, PowerPoint, Power BI, Teams)

## PROJECTS

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- ASCENT Shiny App** | *R, Shiny, HTML/CSS, RStudio, Excel, Git* April 2024 – May 2024
- Developed a user-friendly app to track/forecast Sustainable Aviation Fuel (SAF) production.
  - Utilized R Shiny library in for app development and interactive visuals and HTML/CSS for an intuitive interface.
  - Created interactive visuals including a geographical map for state SAF production and a Monte Carlo simulation.
  - Collaborated with key stakeholder to discuss requirements, get feedback, and suggest additional features.
- ASCENT Database** | *PostgreSQL, SQLAlchemy, Git, Excel* Jan 2024 – March 2024
- Transition an Excel dataset into a PostgreSQL database which significantly enhanced data reliability and security.
  - Used Git for version control and collaboration in developing and refining the database schema, facilitating efficient team workflows and documentation.
  - Integrated a web scraping bot using SQLAlchemy to automate SAF Fuel production data collection.
- Student Enrollment Dashboard** | *Python, Pandas, Power BI, DAX* Feb 2024
- Prepared data for visualization using Python and pandas to clean and aggregate academic information.
  - Designed a dashboard in Power BI, utilizing DAX for complex calculations to highlight enrollment growth and data course offerings.

## EXPERIENCE

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- Technical Assistant I** July 2023 – May 2024  
*Washington State University | Remote, WA*
- Performed data entry and analysis of 160 student surveys within tight deadlines for Grant offering, utilizing Python for dataset creation and ensuring alignment with FERPA guidelines.
  - Analyzed enrollment trends for the WSU Data Analytics department, visualized through interactive dashboards in Power BI, Tableau, and Excel.
  - Performed data quality assessments on extracted tables before analyzing and importing data.
- Team Lead** July 2020 – Feb 2021  
*Western Exterminators | SeaTac, WA*
- Optimized 10+ service routes leading to an increase in service delivery efficiency and a reduction in fuel costs for company vehicles.
  - Conducted warehouse tours and meetings with clients to plan service delivery and identifying patterns in high touch point areas to develop targeted disinfection strategies.
  - Trained new employees on navigating complex service routes and compliance protocols.

## EDUCATION

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- Washington State University** | *Global, WA* May 2024  
*B.S. Data Analytics, Minor in Management Information Systems* GPA 3.64/4.0