

David Gamard

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Results-driven Data Analyst, IBM and Google Analytics Certified, with expertise in advanced analytics, automation, and modern programming. Skilled in data visualization, reporting, and process optimization, with a proven ability to translate business needs into scalable solutions and communicate insights to both technical and executive teams.

CORE COMPETENCIES

- Data Analysis & Visualization
- Test Driven Development
- API Design & Data Integration
- Software & Data Pipeline Design
- Application & Database Administration
- Algorithm Design & Optimization
- Testing automation & Software Debugging
- Analytical & Organizational Skills
- Database Architecture
- Agile Development
- Database Management & Optimization

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, PHP, JavaScript, HTML, CSS
- **Databases:** PostgreSQL, MySQL, SQLite, JSON
- **Technologies & Frameworks:** Spring Boot, Microsoft Visual Studio, Git/GitHub, REST APIs
- **Data & Analytics:** SQL queries, data analysis & visualization (Pandas, Matplotlib, Power BI)

EDUCATION

- **North American University - Houston, TX** **September 2025 – May 2026**
Bachelor of Science in Computer Science **GPA: 3.5**
- **Euridis Business School - Paris, France** **December 2021 – June 2023**
Bachelor of Science in Business Engineering **GPA: 3.8**
- **ENSAI (National School of statistics and information Analysis) – Online degree** **August 2025**
Professional Bachelor in Data Analytics

EXPERIENCE

- Data Analyst Intern – World Affair of Council - Houston, Texas** **September 2025 – December 2025**
 - Analyzed membership, event participation, and donor engagement data from internal CRM, Excel, and SQL sources to identify trends supporting outreach and community programs.
 - Designed and deployed interactive dashboards in **Power BI and Excel**, optimizing KPI tracking (attendance, fundraising, volunteer participation) and improving leadership decision-making.
 - Built and integrated **API-based workflows** (event platforms, social media analytics) to automate data retrieval, ensuring accuracy and timeliness of reporting.
 - Created an **AI-powered agent system** to automatically read and process receipts (date, store name, amount, card number), linking data with QuickBooks and Google Sheets for accounting and departmental reporting.
 - Enhanced data visualization and monitoring by refining dashboard design, incorporating anomaly detection, and integrating new metrics for financial and operational oversight.

PROJECTS

- Fake Bills detector | Python, Scikit-learn, Pandas** **March 2025**
 - Developed a machine learning model to detect counterfeit banknotes using supervised learning techniques (SVM, Random Forest), with a dataset of physical features (variance, skewness, kurtosis). Built an interactive interface to input datas.
- World Hunger | Python, Matplotlib, Seaborn** **January 2025**
 - Conducted a data-driven study on global hunger and food insecurity using datasets from international organizations (FAO, UN).
- Laplace Realestate LLC | Python, SQL, Power BI** **November 2024**
 - Analyzed and visualized housing market data for a real estate agency to support decision-making on property pricing and investment.

EXTRACURRICULAR ACTIVITIES

- Volunteering – Y2Y Harvard Square Shelter, Harvard University (Cambridge , MA)** **January 2024**

Languages : French, English , Bambara