Sarah Bennett

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# Professional Summary

Data analyst adept at leveraging Python programming skills to transform complex data sets into comprehensible insights for strategic decision-making. Proven proficiency in object-oriented programming, relational databases, software version control, and familiarity with both Waterfall and Agile development lifecycles. Possesses a solid understanding of operating systems such as Microsoft XP and Linux, along with basic networking and security. Known for meticulous attention to detail and the ability to deliver data-driven narratives to facilitate executive decision-making.

# Technical Skills

- Proficient in programming languages: Python, SQL, R  
- Expertise in utilizing Tools & Frameworks: Tableau, Power BI, Pandas, Scikit-learn, Excel for enhanced data analysis  
- Comprehensive experience with Databases: MySQL, PostgreSQL  
- Proficiency in A/B Testing, Predictive Modeling, and Data Cleaning  
- Job Requirements: Demonstrated proficiency in Python and other programming languages  
- Solid grounding in object-oriented programming, relational databases, software version control, and software development lifecycles - Waterfall, Agile  
- In-depth understanding of various operating systems

# Professional Experience

* Data Analyst
* BrightPath Analytics, Seattle, WA  
    
  Position Prerequisites:  
  - No previous professional experience necessary  
  - Proven proficiency in at least one or two programming languages, with a preference for Python  
  - Fundamental comprehension of object-oriented programming, relational databases, software version control, and software development lifecycles including Waterfall and Agile methodologies  
  - Familiarity with operating systems

June 2021 – Present

- Engineered interactive Tableau dashboards, accelerating report delivery time by 40% for marketing and product teams.  
- Conducted meticulous A/B testing analysis for product features, contributing to a 15% surge in user retention.  
- Partnered with engineers to optimize data pipelines and elevate data quality control.

* Business Intelligence Intern
* Sunrise Retail Group, Remote

Jan 2020 – May 2021

- Devised and implemented robust sales forecasting models via Python and Excel, enhancing monthly accuracy by an impressive 10%.  
- Unified and streamlined 5 years' worth of disparate customer data into a cohesive, centralized SQL database.  
- Facilitated executive leadership through KPI reporting, introducing automation to weekly reports for increased efficiency.   
  
Job Requirements: No prior professional experience necessary  
Proven proficiency in one or two programming languages, with a preference for Python  
Fundamental comprehension of object-oriented programming, relational databases, software version control, and software development lifecycles - Waterfall, Agile  
Familiarity with operating systems

# Education

Original: Earned a Bachelor of Science in Statistics  
  
Job Requirements:   
- No previous professional experience necessary  
- Exhibited proficiency in at least one or two programming languages, with a preference for Python  
- Fundamental comprehension of object-oriented programming, relational databases, software version control, and software development lifecycles including Waterfall and Agile methodologies  
- Acquainted with various operating systems

University of Washington, Seattle, WA  
  
Position Prerequisites:  
- No previous professional exposure required, yet enthusiasm for learning and growth is essential  
- Proven proficiency in at least one or two programming languages, with a preference for Python  
- Fundamental comprehension of object-oriented programming, relational databases, software version control, and software development lifecycles - including both Waterfall and Agile methodologies  
- Acquaintance with operating systems.

Graduated: 2020

# Certifications

- Earned Google Data Analytics Professional Certificate  
  
Job Requirements:   
- Entry-level professionals encouraged, no previous experience necessary  
- Exhibited proficiency in programming languages, with a preference for Python  
- Fundamental grasp of object-oriented programming, relational databases, and software version control   
- Familiarity with software development lifecycles - Waterfall and Agile methodologies  
- Competent understanding of operating systems.

- Certified Tableau Desktop Specialist (2022)  
  
Job Requirements:  
- No previous professional experience necessary  
- Proven proficiency in at least one or two programming languages, with a preference for Python  
- Solid comprehension of object-oriented programming, relational databases, software version control and various software development lifecycles including Waterfall and Agile  
- Familiarity with operating systems

# Projects

Proficient in Customer Attrition Forecasting Model  
  
Job Requirements:  
- Entry-level position with no previous professional experience necessary  
- Proven proficiency in at least one or two coding languages, ideally Python  
- Solid comprehension of object-oriented programming, relational databases, software version control and software development life-cycles including Waterfall and Agile methodologies  
- Familiarity with operating systems

Engineered and meticulously assessed a logistic regression model for customer churn prediction utilizing Scikit-learn, culminating in a remarkable 88% accuracy rate.

E-commerce Dashboard

Engineered an integrated Power BI dashboard, synthesizing sales, marketing, and customer service metrics from a comprehensive dataset.  
  
Job Requirements: No professional experience required  
Proven proficiency in programming languages, with a preference for Python  
Fundamental knowledge of object-oriented programming, relational databases, software version control and the intricacies of software development lifecycles - Waterfall, Agile  
Understanding of various operating systems.