

Xushen Wang

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SUMMARY

Software and Data Engineer with hands-on experience building data pipelines, backend integrations, internal business systems, ML workflows, forecasting models, and automation tools. Skilled in Python, SQL, Azure database integration, data migration, Swift-based visualization, RPA automation, and computer vision workflows. Strong ability to turn technical requirements into practical systems that support business operations and analytics.

TECHNICAL SKILLS

- **Languages:** Python, SQL, R, Swift
- **Data Engineering:** ETL Pipelines, Data Cleaning, Data Migration, Data Validation, Azure Database Integration
- **ML / Data Science:** Scikit-learn, Predictive Modeling, Forecasting, Time-Series Analysis, Computer Vision
- **Systems & Automation:** Internal Tools, Scheduling Systems, Inventory Systems, UiPath RPA, OCR Automation
- **Analytics Tools:** Excel, Power BI, Tableau, KPI Dashboards

PROFESSIONAL EXPERIENCE

Psyche Beacon Jul 2025 – Present
Data Science Engineer **Jersey City, NJ**

- Led end-to-end data pipeline development for wearable device data, owning the lifecycle from raw sensor ingestion to cleaned, production-ready datasets.
- Designed scalable data processing workflows for multi-modal biometric streams including heart rate, sleep, temperature, and activity signals.
- Integrated the application with Azure database infrastructure to support data storage, retrieval, and real-time product functionality.
- Developed and patched app builds for A/B testing, optimizing user experience and feature performance.
- Collaborated with engineering and product teams to define technical requirements, improve data quality standards, and align backend deliverables with business goals.

TOKIMO LLC Feb 2026 – Present
Business Data & Systems Analyst **Queens, NY**

- Built internal web-based tools to support employee scheduling, inventory tracking, warehouse management, and backend operational reporting.
- Managed backend data migration for nearly 10,000 beauty retail SKUs, including data cleaning, restructuring, validation, and system table organization.
- Designed inventory and warehouse management workflows to track stock levels, product movement, replenishment needs, and SKU-level accuracy.
- Developed sales forecasting models using historical transaction and inventory data to support demand planning and purchasing decisions.

AgLogica Holdings / AGL Technology Jan 2025 – May 2025
Data Scientist **Atlanta, Georgia**

- Automated SAP financial reporting workflows using UiPath RPA and OCR, reducing manual data-entry effort by 30%.
- Analyzed database performance, usability, and scalability across six platforms to support client-facing technology recommendations.
- Collaborated on AI/RPA automation solutions for supply chain processes, translating business pain points into workflow improvements.

Accenture Mar 2023 – Jun 2023
Information Technology Strategy Consultant **Shanghai, China**

- Automated SAP financial reporting workflows using UiPath and OCR, reducing manual data-entry effort by 30%.
- Prepared analytical reports and executive presentations to communicate findings, KPIs, and process optimization recommendations.

PsycheBeacon Jan 2024 – May 2024
Data Science Engineer Intern **Jersey City, NJ**

- Processed wearable sensor data including heart rate, sleep, temperature, and activity metrics to identify user-level health patterns.
- Built data cleaning and feature engineering workflows to improve biometric dataset quality for mental health analytics.
- Prototyped real-time Swift visualizations to help users monitor biometric indicators and wellness trends.

EDUCATION

Boston University Jan 2024 – May 2025
Master of Science in Data Science **Boston, MA**
Relevant Courses: Machine Learning, Data Science with Python, Data Mining, Web Mining, Algorithms

SUNY Stony Brook Aug 2019 – May 2023
Bachelor of Science in Applied Mathematics & Statistics **Stony Brook, NY**