Erik Sierra

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WORK EXPERIENCE

First Solar

IT Business Intelligence and Data Services Developer I   **May 2025 – Present**

- Architected and optimized SQL databases for enterprise analytics, managing complex ETL workflows and dimensional data models to support cross-functional reporting
- Assisted with adoption of Microsoft Fabric for cloud-based analytics, developing notebooks and data pipelines to modernize enterprise BI infrastructure
- Drove technical execution of Tableau-to-Power BI migration, leading report conversion efforts that achieved $100K in annual cost savings
- Collaborated with executive leadership and department heads to deliver scalable Power BI solutions that streamlined KPI tracking and enabled data-driven strategic initiatives

Tools: SQL Server, SSMS, Power BI, Azure apps, Microsoft Fabric, Python, Microsoft 365

IT Business Intelligence and Data Services intern   **July 2024 – May 2025**

- Designed and developed interactive Power BI dashboards and reports to visualize key business metrics and improve data accessibility across departments
- Conducted data analysis and created ad-hoc reports to support stakeholder decision-making and identify operational trends
- Contributed to Tableau-to-Power BI migration by translating reporting requirements, rebuilding visualizations, and conducting user acceptance testing

Tools: Power BI, SQL server, Microsoft 365

IT Cybersecurity Intern   **April 2024 – July 2024**

- Automated monitoring, reporting, and threat containment workflows to enhance cybersecurity response times by 40%.
- Reduced manual remediation efforts by 100+ hours through Python-based automation.
- **Tools:** Python, GitHub, CrowdStrike

Kroger

E-Commerce Supervisor   **May 2022 – Dec 2022**

- Led a team of 20+ employees, managing daily operations while aligning with sales objectives and budgets
- Achieved the shortest customer wait time in district and developed an Excel-based solution for grocery inventory tracking. Utilized Power Bi to track key store metrics that impacted future decisions.
- **Tools:** Power BI, Excel, Microsoft 365

EDUCATION

Southern New Hampshire University   **Graduation: May 2025**

Bachelor of Science in Computer Science

- **GPA: 3.5**

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Microsoft Certified: Power BI Data Analyst Associate, Certification in Introduction to Computer Science (SNHU)
- **Technical Skills:** Data Reporting & Visualization, Data Analysis, Pipeline Development
- **Soft Skills:** Communication, Time Management, Collaboration, Problem Solving, Critical Thinking
- **Interests:** Photography, Pickleball, Football