


# Sam Gerstner

📍 Phoenix, AZ  <https://www.linkedin.com/in/sam-gerstner/>  <https://github.com/samgerstner>

## About Me

I am a highly skilled IT professional with a diverse background spanning technical support, software development, and data engineering. With extensive experience troubleshooting, coding, and managing data pipelines, I bring a holistic approach to problem-solving and system optimization. Adept at collaborating with cross-functional teams, I have successfully delivered high-quality solutions while maintaining a focus on efficiency, scalability, and user satisfaction.

## Professional Experience

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|---|------------------------------------|
| <b>Data Engineer (Applications Programmer, Intermediate), Northern Arizona University</b>   | 09/2023 – Present<br>Flagstaff, AZ |
| <ul style="list-style-type: none"><li>• Developed and managed ETL pipelines for efficient data transfer and transformation from source systems to Microsoft Fabric.</li><li>• Served as an intermediary between IT teams and business users, fostering the adoption of best practices in data integration for various projects.</li><li>• Ensured data governance and security compliance through role-based access control and sensitivity labeling in Fabric</li><li>• Developed and optimized Lakehouse architecture leveraging OneLake and Delta tables for unified analytics and storage</li></ul>                 |                                    |
| <b>Production Control Specialist (Applications Programmer), Northern Arizona University</b>   | 05/2022 – 09/2023<br>Flagstaff, AZ |
| <ul style="list-style-type: none"><li>• Coordinated and managed automated job scheduling operations for the University to ensure continuity of business operations.</li><li>• Oversaw several procedural changes to improve operational efficiency and reduce manual error in day-to-day work.</li><li>• Conducted product research and oversaw product discussions for potential replacement of an existing enterprise system.</li></ul>   |                                    |
| <b>Apprentice Software Engineer (SW Technology Level 4), Northern Arizona University</b>  | 03/2021 – 05/2022<br>Flagstaff, AZ |
| <ul style="list-style-type: none"><li>• Assisted with development and testing of ASP.NET  Core, PHP, and other applications to support the University's mission.</li><li>• Assisted with supervision and management of other Apprentice Programmers to ensure timely completion of projects, and provide guidance as needed.</li><li>• Acted as a liaison between software development teams and other IT teams to ensure efficient implementation of applications and ensure projects conform to industry best practices.</li></ul> |                                    |
| <b>Student Tech, Sr. (SW Technology Level 4), Northern Arizona University</b>   | 08/2020 – 03/2021<br>Flagstaff, AZ |
| <ul style="list-style-type: none"><li>• Provided excellent customer service and technical support to students, faculty, and staff via phone, email, and chat.</li><li>• Assisted with daily operations of the ITS Service Desk including supervising and mentoring other student techs and training for both new and existing employees.</li></ul>  |                                    |

## Education

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**Applied Computer Science, B.S.,** *Northern Arizona University*

08/2019 – 05/2023  
Flagstaff, AZ

## Professional Certifications

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**CompTIA Security+:** **Valid:** April 2025 - April 2028 | **Certification Code:** 66ETH76Y6MBE1N9J [↗](#)

**CompTIA Network+:** **Valid:** April 2019 - April 2028 | **Certification Code:** 8RGQ9VD3TPEQQ2G1 [↗](#)

**CompTIA A+:** **Valid:** June 2021 - April 2028 | **Certification Code:** CBF272KF63R1Q19D [↗](#)

**Microsoft Certified: Security, Compliance, and Identity Fundamentals:** **Valid:** December 2022 - No Expiry |  
**Certification ID:** I535-8780 [↗](#)

**Microsoft Certified: Azure Data Fundamentals:** **Valid:** December 2022 - No Expiry | **Certification ID:** I399-2257  
[↗](#)