ALEX FRIEDRICHSEN

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EDUCATION

University of St. Thomas
B.A. Economics, B.A. Political Science   **2009-2013**
Minor in Justice and Peace Studies, Minor in Computer Science

WORK EXPERIENCE

Information Security Specialist III, Officer

U.S. Bancorp, Inc. – Information Security Services   **2013-present**

- Use Python and SQL to provide automated reports on data sourced from several identity and access management tools. Served automated reports using Django.
- Wrote and maintain custom .NET (C#) libraries used for managing identities in Office365/Microsoft Azure.
- Designed and implemented an Express(NodeJS)/NoSQL(MongoDB) solution for managing non-human application account data for all Bank applications.

IT Contractor

TekSystems, Inc.   **2013**

- Used SQL and Python to create automated reports on workstation and server vulnerabilities.
- Maintained and optimized database stored procedures and functions, eliminating the reporting work of two full time analysts.
- Maintained Java code responsible for generating regularly scheduled reports.

Student Technician

University of St. Thomas   **2009-2013**

- Used SQL, SSIS and SSRS to create custom report packages to track loanable technology assets (laptops, projectors).
- Contributed to the design of a web UI in Django/React for loanable asset database for use by student support call center.

SKILLS

- 6 years' experience with SQL, including vendor-specific syntax (T-SQL, PL/SQL)
- 6 years' programming experience: Python (4 years), JavaScript (3 years), .NET(3 years)
- 4 years' experience with system administration, including cloud infrastructure (AWS, Azure)
- Hands on experience with DevOps infrastructure (Jenkins, Docker, Gradle).
- Clear and concise.
- Easily adapts to new challenges. Always learning.