### Sarah Kirsh

216.346.0626 -- s\_kirsh@yahoo.com

Results oriented professional with 20+ years of information technology program development and support experience at two high profile organizations: Cleveland Clinic and Ohio Environmental Protection Agency. Strong analytical and problem solving ability and a propensity to learn new skills quickly. Dedicated, organized and self-directed team member with strong relationship building and communication skills. *Additional core competencies include:*

✓ Health Information Technology ✓ Continuous Process Improvement

✓ Data Analysis and Reporting ✓ Project Management

✓ End-User Training Development ✓ Electronic Medical Record Implementation (Epic)

✓ Vendor and Customer Management ✓ Contract Management

# Professional Experience

**CLEVELAND CLINIC, Cleveland, OH 2000 – 2018**

***Senior Systems Analyst, Pathology and Lab Medicine (2017 – 2018)***

Implemented and supported LabVantage LIMS Biorepository solution for the Cleveland Clinic Central BioRepository. This is a secure, multi-tenant solution that allows researchers and clinicians to inventory and manage their specimens for internal and external research collaboration.

* Maintained BioRepository Test, Development and Production environments.
* Made configuration changes to optimize system performance.
* Translated business requirements into efficient utilities, addressing more complex requirements using SQL and Javascript
* Developed custom reports to meet business and research requirements.
* Maintained security in compliance with research and health information privacy regulations.

***Senior Systems Analyst, Information Technology Division – ITD Enterprise Administrative Systems (2007 – 2017)***

Lead analyst working with clinical and business units across the organization partnering in the selection, implementation and support of technical solutions that align business processes with the need to demonstrate compliance with local, state and federal regulations.

Supported Occupational Health, Safety and Regulatory Compliance systems.

* Implemented and supported Employee Health Electronic Medical Record system including first ever pre-visit and employee self- service portals for a 50,000 employee health system.
* Automated the order and result entry process reducing manual entry by 95%
* Developed custom, secure HL7 interfaces from Epic, Sunquest Lab, Radiology and Lawson HR databases to automate information transfer to one centralized Employee Health medical record database.
* Developed custom reports to demonstrate compliance with occupational health, safety, radiation and infectious disease regulatory agency requirements (i.e. CMS, OSHA, JCHAO, HIPAA).
* Developed project plans, timelines and budgets for the implementation of new application modules and software in a SAAS environment.

Provided leadership for the research, evaluation, selection, testing and implementation of core business systems including:

* WorkDay HR/Benefits module.
* Conflict of Interest and Consulting Disclosure and Approval System
* Legal Contract Management System
* Safety Incident Reporting System
* Concur Travel and Expense Reporting System
* Learning Management System

### Sarah Kirsh

216.346.0626 -- s\_kirsh@yahoo.com

***Systems Analyst II, Information Technology Division - Corporate Decision Support (2004 – 2007)***

Supported Eclipsys TSI Decision Support application. System merges financial (payments, charging, costing) with clinical (CPT, ICD-9, diagnosis, procedure) data for large scale reporting across the health system.

* Developed custom extracts and reports from TSI decision support Model 204 proprietary database to feed other enterprise-wide clinical and financial databases.
* Investigated/resolved system and user issues in a 24/7 environment.
* Trained end users in system features and capabilities.

***Systems Administrator, Information Technology Division - Epic Implementation Team (2000 – 2004)***

Member of the Epic EMR implementation team responding to the operational and clinical reporting needs for a 45,000 employee healthcare organization.

* Team member working on all aspects of EPIC EMR implementation including 24/7 Help Desk support, printer mapping and front line in-person assistance across all hospitals in the health system.
* Developed and implemented the CCF Reports Library, a web based reports distribution tool.
* Developed custom clinical and operational reports from Epic Clarity database in an Oracle environment.
* Trained hospital staff on Clarity data models, PLSQL programming and Crystal Reports.

**OHIO ENVIRONMENTAL PROTECTION AGENCY, Columbus, OH 1991 - 2000**

***Systems Administrator, Division of Surface Water (1996 – 1999)***

Managed the implementation and maintenance of the Surface Water Information Management System (SWIMS).

* Maintained user roles, system security and updated Oracle database tables.
* Developed and distributed ad-hoc end user reports and created and maintained SWIMS system informational web pages.
* Trained 3,000+ users, many of which were computer novices, at NO cost to the Ohio EPA.
* Established and operated software/regulatory support hotline averaging 100 phone calls and e-mails per day.

***Environmental Specialist II, Division of Air Pollution Control (1991 – 1996)***

Responsible for air pollution source compliance determinations in four Ohio counties. Developed support team providing technical assistance to the regulated community for the Federal Clean Air Act.

* Conducted on-site compliance inspections at manufacturing facilities receiving operating permits for air pollution emission sources.
* Conducted in-depth review of air pollution emissions including stack test reviews, dispersion modelling and emissions calculations.
* Participated in the development of STARship, an electronic system for the entry and processing of state and federal air pollution operating permits.
* Team leader for STARship software training course.

# Education & Credentials

BS, Biology/Chemistry, John Carroll University, University Heights, OH

Certificate in Secondary Education - Comprehensive Science/Math

# Technical Skills

Oracle Database Management Unix

SQL Server Database IBM Mainframe Applications

PL/SQL Visual Studio/.Net

Epic/Electronic Medical Record HTML/Javascript/XML

Crystal Reports/Business Intelligence/Tableau Moodle/MOOC Development