MARK D. CRUSE

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Lexington, Kentucky 40502
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OBJECTIVE

Desire an opportunity in working with data, leveraging my demonstrated background, qualifications, and computer skills. I have a strong passion for leveraging data-driven solutions to enhance technology experiences for others.

QUALIFICATIONS

Over twenty five years of professional responsibility in:

- Problem Solving
- Project Management
- Team leading
- Technical Documentation
- Data gathering & analytics
- Programming

COMPUTER SKILLS

- Tableau
- SQL
- Web design (HTML & CSS)
- Python
- Database design
- JavaScript

ACHIEVEMENTS

Team technical lead for the implementation of the University of Kentucky Institution Research and Advanced Analytics interactive web pages project. Coordinated data gathering efforts, designed Tableau workbooks and dashboards, and created web pages. Organized and created information for project review meetings. **Result:** University of Kentucky student data related to applicants, enrollment, degrees awarded, demographics, and retention, is provided to university stakeholders and the public in an interactive web based environment.

Led the planning and implementation of a unified server solution. Worked with hardware and software vendors to identify needs, prepared old servers for migration, migrated multiple physical servers into a single physical server with multiple virtual servers. **Result:** New server environment reduced energy usage, increased performance, and allowed for future growth at a reduced cost.

Chosen as team lead for the implementation of the Payroll & Accounts Payable components of the school based MUNIS accounting software. Identified tasks, assigned tasks, monitored implementation progress, developed and documented system workflow, held user group meetings, created procedures manual, and trained personnel. **Result:** Project completed prior to target implementation deadline.

EDUCATION

B.S., Computer Information Systems	1987	Western Kentucky University	Bowling Green, Kentucky
M.S., Digital Mapping	2019	University of Kentucky	Lexington, Kentucky

EXPERIENCE

University of Kentucky - Strategic Planning & Institutional Effectiveness   **2017 - 2021**
 Business Data Analyst

> Provided data solutions to the office and network of college programs across the campus. Designed, implemented, and maintained interactive reports and visualizations using Tableau. Wrote complex SQL query statements for data reporting and designed data structures as needed. Transformed complex data sets into more easily used data for analysis. Produced reports and visualizations to provide valuable insight needed to make business decisions.

University of Kentucky - Graduate School, Lexington, Kentucky   **2015 - 2017**
 Informatics Analyst

> Provided data solutions to the Graduate School, senior administration, and network of graduate academic programs across the campus. Led groups in developing solutions to complex problems by providing data related to recruitment, admissions, funding, student success, graduate program quality metrics, and the graduate education strategic plan. Designed, implemented, and maintained interactive reports and visualizations using Tableau. Wrote complex SQL query statements for data reporting and designed data structures as needed.

University of Kentucky Analytics and Technologies, Lexington, Kentucky   **2014 - 2015**
 STEPS Analytics Developer, Advanced Analytics Team

> Designed and created Tableau dashboards and workbooks for university stakeholders to consume data related to student enrollment, degrees conferred, retention, and more. Designed interactive web pages embedding Tableau dashboards for consumption by the public on the Institutional Research & Advanced Analytics website. Lead a bi-weekly Introduction to Tableau and data analytics training class.   Maintained department Drupal website.

Commonwealth Office of Technology, Frankfort, Kentucky   **2009 - 2011**
 Systems Engineer IT

> Team Lead for the Commonwealth of Kentucky UNIX Server Support Team. Managed the daily priorities of team members. Advised administration & state agencies on the procurement and implementation of UNIX systems. Team liaison with state agencies, state disaster recovery team, computer systems security team, systems storage team, and virtual systems team.

Kentucky Secretary of State, Frankfort, Kentucky   **2005 - 2009**
 Systems Consultant IT

> Managed the daily activities of the IT staff and priorities. Supervised the development of in-house computer software development. Advised administration in computer best practices, computer systems and software procurement. Recommended, implemented, and managed the offices migration from several physical computer servers to a single physical server with multiple virtual server environments. Participated in the design, development, and administration of agency website.

Kentucky Secretary of State, Frankfort, Kentucky   **2000 - 2005**
 Systems Engineer IT

> Managed computer server systems including: file servers, SQL databases, web server, and email server. Wrote SQL stored procedures to extract business entity and UCC filing records on file with the Commonwealth of Kentucky. Maintained the data file formats and descriptions for online data access by authorized subscribers. Managed computer networks, network components, and security. Installed, and upgraded desktop PCs.