

Jason Towell

Information Systems Analyst III

Growing my career at the Department level has made me a Generalist. The broad set of skills I've developed have helped me to find lasting solutions to complex problems. For me, that is one of the most rewarding parts of working in Information Technology. If a solution is needed I try my best to find it. This sometimes involves an outside product, but having a good working knowledge of Information Technology has enabled me to quite often provide an in-house solution using free open-source technology and my ability to program. Over the years my software development skills have grown to provide more thoughtful planning and implementation which have resulted in a great deal of project unity.

PROFESSIONAL EXPERIENCE

2020 - Present
3+ Years

INFORMATION SYSTEMS ANALYST III SAN JOAQUIN COUNTY

- Dept. Lead in Database Implementation and Administration
 - Recently Tasked with Data Conversion and Report Writing for a New Permitting System
 - MS Access
 - MS SQL
 - PostgreSQL
- Dept. Lead in Desktop Implementation, Administration and Support
 - Linux
 - Windows
- Dept. Lead in Security Implementation and Administration
 - Anti-Virus
 - Firewalls
 - Palo Alto
 - Security Updates
 - WSUS
- Dept. Lead in IT Budget Planning
- Dept. Lead in Server Implementation and Administration
 - Linux
 - Apache
 - Jabber - In Department Instant Messaging
 - KVM Virtualization
 - Languages
 - Perl
 - noVNC Remote Applications
 - PostgreSQL
 - Windows
 - Active Directory
 - DFS Replication
 - Document Archive
 - Questys CMx
 - Custom Web Application to access Questys CMx data
 - Languages
 - Visual Basic Script
 - Remote Desktop Services
- Dept. Lead in Web Design and Development for the Department
 - Languages
 - C
 - GoLang
 - HTML
 - Javascript
 - Perl

2015 - 2020
5 Years

DEPT. INFORMATION SYSTEMS ANALYST II SAN JOAQUIN COUNTY

- Lead in Database Implementation and Administration
 - MS Access
 - MS SQL
 - PostgreSQL
- Lead in Desktop Implementation, Administration and Support
 - Linux
 - Windows



CONTACT DETAILS

Email

jason@towell.family

PROFESSIONAL SKILLS

Communication



Flexibility



Leadership



Personal Skills



Public Speaking



Teamwork



Time management



EXPERTISE

Data Extraction, Conversion, and Reporting



Process Automation



System Administration



Web Design and Development



LANGUAGES

C



GoLang



HTML



Javascript



Lead in Security Implementation and Administration

- Anti-Virus
- Firewalls
 - Palo Alto
- Security Updates
 - WSUS

Lead in IT Budget Planning

Lead in Server Implementation and Administration

- Linux
 - Apache
 - Jabber - In Department Instant Messaging
 - KVM Virtualization
 - Languages
 - Perl
 - noVNC Remote Applications
 - PostgreSQL
- Windows
 - Active Directory
 - DFS Replication
 - Document Archive
 - Questys CMx
 - Custom Web Application to access Questys CMx data
 - Languages
 - Visual Basic Script
 - Remote Desktop Services

Lead in Web Design and Development for the Department

- Languages
 - C
 - GoLang
 - HTML
 - Javascript
 - Perl

2006 - 2015
9 Years

DEPT. INFORMATION SYSTEMS SPECIALIST III
SAN JOAQUIN COUNTY

Lead in Database Administration

- MS Access
- MS SQL
- PostgreSQL

Lead in Desktop Administration and Support

- Linux
- Windows

Lead in Security Administration

- Anti-Virus
- Firewalls
 - Palo Alto
- Security Updates
 - WSUS

Lead in Server Administration

- Linux
 - Apache
 - Jabber - In Department Instant Messaging
 - KVM Virtualization
 - Languages
 - Perl
 - PostgreSQL
- Windows
 - Active Directory
 - DFS Replication
 - Document Archive
 - Questys CMx
 - Custom Web Application to access Questys CMx data
 - Languages
 - Visual Basic Script
 - Remote Desktop Services

Lead in Web Design and Development for the Department

- Languages
 - C
 - GoLang - Migrated C Applications to Google's Go Language
 - HTML
 - Javascript
 - Perl

2003 - 2006
3 Years

DEPT. INFORMATION SYSTEMS SPECIALIST I
SAN JOAQUIN COUNTY

Perl



Visual Basic Script



- Assist in Database Administration
 - MS Access
 - MS SQL
 - Oracle
 - PostgreSQL - Lead Implementation
- Assist in Desktop Administration and Support
 - Windows
- Assist in Security Administration
 - Anti-Virus
 - Firewalls - Lead Implementation
 - Cisco
 - Netfilter
 - Security Updates
 - WSUS
- Assist in Server Administration
 - Linux - Lead Implementation
 - Languages
 - Perl - Lead Automation
 - Windows
 - Languages
 - Visual Basic Script - Lead Automation
- Lead in Web Design and Development for the Department
 - Languages
 - C
 - HTML
 - Javascript
 - Perl

2000 - 2003
3 Years

DATA TECHNICIAN I
SAN JOAQUIN COUNTY

- Assist in Desktop Support
 - Windows
- Assist in Server Administration
 - Windows
- Lead in Web Design and Development for the Department
 - Languages
 - C
 - HTML
 - Javascript
 - Perl

1999 - 2000
1 Year

TEMP. EXTRA HELP COMPUTER SUPPORT
SAN JOAQUIN COUNTY

- Assist in Computer Replacement
- Assist in Y2K Inventory

1998 - 1999
1 Year

POINT OF SALE COMPUTER OPERATOR
ORCHARD SUPPLY HARDWARE

- Operate a P.O.S. Computer System

1998 - 1998
2 Months

INFORMATION SYSTEMS INTERN
CITY OF LODI

- Assist in Y2K Inventory

1995 - 1998
3 Years

COMPUTER GRAPHIC AND DESIGN ASSISTANT
PRO-VISION

- Assist in Computer Administration
- Assist in Graphic Arts

EDUCATION

2012 - 2014

SAN JOAQUIN DELTA COLLEGE
COMPLETED AN ASSOCIATE OF ARTS DEGREE FOR A PROMOTION TO THE ANALYST CLASSIFICATION

1997 - 1999

SAN JOAQUIN DELTA COLLEGE
MAJOR COURSE WORK IN COMPUTER SCIENCE