● CAREER PROFILE

Objective:

IT Professional in the Trading Industry looking for a technical leadership position, where I can apply my 12+ years of IT, industry and management experience to support a firm's growth and success. Excellent command of technologies, analysis, and best practices. Collaborate cross-functionally across organizational levels to analyze system behavior, troubleshoot emerging issues, and develop solutions.

Soft Skills:

Systems Engineer, Network Administrator, Virtualization, Automation, Infrastructure, Trading Systems, Project Management, Technologist, Data Analysis, Software Development, Scripting, Orchestration, Monitoring, Leadership, Management, Troubleshooting, Problem Solver, Teamwork, Budgeting, Contract Negotiations, Financial Markets, Clearing

Hard Skills:

Windows (Server/Desktop), Linux, CentOS, Mac, OSX, SaltStack, Citrix, VMWare, oVirt, Active Directory, Data Center Management, Group Policy, WMI, System Center, PXE, Puppet, Foreman, Routing, BGP, Multicast, PIM, IGMP, Proxies, Firewalls, Switches, Storage, SAN, NAS, Servers, Workstations, Laptops, Office 365, Microsoft Exchange, Splunk, Nagios, SmokePing, Cacti, Corvil, Juniper, Arista, Cisco, Palo Alto, Dell, HP, FPGA, Python, Git, Perl, Bash, Batch, Powershell, VBS, Telegraf, Grafana, HTML, CSS, Flask, SQL, MariaDB, PostgreSQL, Influx, OneTick, MSSQL, Synology, Ubiquity, OptionsCity, Trading Technologies, ProOpticus, Orc, Bloomberg, Exchange Access, Market Data, Execution, Clearing Firms and Migrations, Data ETL, High Availability, Asterisk, FreePBX, SIP, TCP, UDP, etc.

Capital Partner of Belvedere Trading from 1/2011-12/2018.

Please view my LinkedIn profile (https://www.linkedin.com/in/tim10/) for more detailed information.

Tim Dime

Director of IT Operations and Infrastructure

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(mailto:tim@timdime.com)

🌐 timdime.com
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in tim10
(https://linkedin.com/in/tim10)

○ timdime
(http://github.com/timdime)

EDUCATION

Bachelor, Information Management
Western Illinois University
2000 - 2004

⬤ PROFESSIONAL EXPERIENCE

Director of IT Operations and Infrastructure

2017 - Present

Belvedere Trading, Chicago

Oversee the Infrastructure, Release, Support and Trading Desk Expansion & Maintenance Teams. Manage firm-wide projects overlapping this division. Own the Production Environment. Plan and align the team with the roadmap. Produce annual budget forecasts for approval and meet budgeting goals. Authorize expenditures. Negotiate annual and multi-year service contracts. Provide architectural guidance to development team regarding infrastructural impacts of software behavior. Advocate on behalf of the group to cross-department managers to seek buy-in and support regarding process changes or bug/feature prioritization. Provide performance insight of proprietary systems via various monitoring tools to load balance environment and to enable development team to further diagnose and optimize Belvedere's trading applications and services. Implement various out-of-band projects that need immediate attention by working directly with Stakeholders. Continually evolve process and automation for optimal efficiency. Be a resource. Automate process.

Sr. IT Operations Analyst

2013 - 2017

Belvedere Trading, Chicago

Launched the Business Intelligence Team. Worked to normalize data across Belvedere's proprietary software systems to summarize data sets to deliver reporting metrics and dashboards for both trading desk and trader evaluations. Other various data requests were prioritized and delivered ranging from tick-to-trade times, to reviewing Clearing/Exchange data and fees, to Department Initiative efficiencies and burn-down charts. Leveraged a range of skillsets to consolidate disparate data sets into meaningful information in a single report/view. A scorecard framework was developed to be leveraged firm-wide by all groups in weekly meetings. Oversight regarding Infrastructure administrative and implementation needs were still continuing to be managed at this time. Solely developed a complete employee review platform (forms, notifications, reports) in 3 months to fulfill the vision of "balls and buckets" rankings, which was used quarterly over 3 years by 175 employees.

Infrastructure/Support Lead

2007 - 2013

Belvedere Trading, Chicago

Systems/Network Administrator managing a complex environment of over 400 endpoints across 6 sites. The environment was a mix of linux and windows hosts running primarily on HP servers/workstations and force10 (Dell) and Arista switches. Managed via various tools (nagios, hp sim, corvil, citrix, vmware, splunk, smokeping, foreman, puppet, active directory, system center, etc) to ensure low latency and be proactive to any changes in service levels.

Also, managed the implementations of third party trading systems like OptionsCity, ProOpticus, Orc, Trading Technologies, Actant, etc.) in addition to managing Belvedere's proprietary software rollouts.

IT Specialist

2006 - 2007

Belvedere Trading, Chicago

Performed all IT functions to support the business as the sole IT resource. Including, but not limited to: Application Support, Systems Administration, Network Administration, Telecom, etc.

Level II Desktop Support/Special Projects

2005 - 2006

Peoples Gas, Chicago

Quickly promoted to work in the Special Projects group after 6 months. Special Projects consisted of: setting up all client hardware for a mobile command center, upgrading laptops/equipment in all field vehicles to complete a CDPD to CDMA modem/protocol upgrade and having all field vehicles registered in GIS for supervisor tracking and training users and supervisors throughout the rollout. Another notable accomplishment was coding a vbs/batch script for the support desk to use on demand to deploy software to call center machines that missed an SMS deploy.

● CONTRIBUTIONS

Below is a short list of accomplishments in addition to what one may assume an IT Manager across Systems/Networking/DataCenters would handle regarding OS, Hardware and Systems Maintenance and Performance Monitoring. Many specifics have been left out to respect the privacy of Belvedere Trading.

Automation of Workflows - Belvedere Software Authorization System (11/2018) | Employee Management System (2/2018) | Employee Change Notification System (2013)

Embed External Trading Groups - Work with established external traders and/or groups to understand their IT so they can successfully be embedded into Belvedere's environment and trade day 1. Every trader or group has different requirements. Most used 3rd party trading software where I needed to coordinate setup with ProOpticus, Activ, TT, SpiderRock, OptionsCity, etc. and confirm access to different exchanges or execution venues, as well as access to market data, without compromising Belvedere's network and infrastructure. Some groups had their own software and hardware, which was more challenging and even required some ETL of files dropped by Clearing to only provide filtered data if the Clearing firm couldn't provide files only for their accounts.

Performance Monitoring - I have created many inputs for capturing infrastructure metrics, as they relate to Belvedere Software, to help analyze performance on clients, servers, and the network across environments. This has been accomplished by writing custom scripts in vbs, powershell, perl, bash and python to pull application instance level stats into different performance monitoring tools (telegraf/influx/grafana and splunk) in response to users reporting issues or logged errors when there is no clear infrastructure bottleneck when monitoring and troubleshooting using general tools (host performance counters, iperf, etc.). This effort has proven useful over the years and helped to resolve many inefficiencies, or even detect bugs. Also, I developed a load tester to gauge requests per second over a sustained period of time to a development instance of ConfigHub to determine when and why timeouts were occurring and profile correct tuning settings and resource requirements in production, given actual load.

General Purpose Websites - Company Directory (2014) | Crypto Positions (2018) | Interview Rooms (2018) | Belvedere Office Maps (2018)

Various Datacenter & Office Opens/Migrations/Closes (10+) - I have led and participated in several Office and DataCenter moves over the years and handled logistics, hardware/network provisioning, and server/hardware moves.

Development/Production Environment Segmentation - Ensure that Developers can't access the production environment either intentionally or unintentionally to make a trade, or interfere in any way with the environment without IT Operations authorization.

● RECOMMENDATIONS

Below are 3 recent recommendations. **Please view my LinkedIn profile (https://www.linkedin.com/in/tim10/) for a complete list.**

'I've been working for Belvedere Trading for over 12 years. Tim is one of the best among all people I've ever worked with. He is dedicated, self-motivated, methodical, and very capable. He is not only a reliable and forward-thinking leader but also an inspiring team player. Whenever I had a problem, there has never been a time he has left me without a solution. He has strong analytical skills. No matter how complex the problem is, he will always come up with a brilliant, elegant, and cost-effective solution. When comes to hands-on tasks, Tim possesses a winning combination of extensive infrastructure knowledge and solid programming skills. Tim is a credible individual and I will always hold him in the highest esteem.'
Yi Zhang
Director of Architecture at Belvedere Trading, LLC

'Tim is just a terrific all around technology leader. He has that rare combination of great hands-on technology and problem solving skills coupled with outstanding leadership, management and people skills. Tim is who you want on your team when projects are complex, cross-group and multi-disciplinary, he has an uncanny ability to pull resources together and solve tough issues where others fall flat. He is a calming force under pressure

in time critical environment and is always willing to play whatever role is necessary to solve the problem at hand. His wide range of both technical and leadership skills would serve any organization well.'

Bill Taney
Head of Hardware R&D and Performance Engineering at Belvedere Trading, LLC

'I first met Tim when he hired me at Belvedere Trading in 2012. Over the past 2 years Tim has been my boss and we've worked closely on improving the performance of our mission critical infrastructural systems, production services, and client side applications. As a coworker Tim is always willing to get his hands dirty and logically work through whatever issue you're trying to solve. As a manager Tim will do everything he can to enable your success. I definitely hope to work with Tim in the future.'

Stephen Santino
SRE and Performance Engineer at Belvedere Trading, LLC

● SKILLS & PROFICIENCY

IT Operations

Trading Systems

Systems Engineer

Network Administrator

Python

Powershell