# Toby A. Rider, MBA

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# Professional Strengths

* Seasoned IT professional with over 24-years of experience, including team building/leadership, security, infrastructure, governance, risk management, compliance, architecture and design, business continuity and disaster recovery, incident response, vulnerability management, identity/access management, process optimization, vendor management, designing and implementing controls in environments subject to legislation and regulation including HIPAA, SOX, PCI, GDPR and extensive hands-on expertise with numerous operating systems, applications, databases and hardware platforms
* Proven leader with a strength for identifying talent, mentoring, building, and motivating creative teams that work cooperatively to achieve measurable goals
* Skilled manager with ability to obtain accurate project requirements and implement mission-critical solutions that support business objectives and meet strategic and financial goals
* Significant experience in financial services, manufacturing, software, and pharmaceutical industries

# Professional Experience

1. **American Honda Motors, Senior Information Security Architect (Contractor)**
2. **Torrance, CA – May 2018 – Present**
* Assessed, designed, & implemented information security solutions as an integral component of overall enterprise architecture. Serving as SME for cloud security, penetration testing, threat intelligence, IAM, and federated access management
* Trained and mentored a team of junior information security analysts through daily information security operations
* Managed information security engineering initiatives, projects, and enhancements to operational capabilities to strengthen Honda's security posture and brand reputation, including Palo Alto NGW deployment, Qualys vulnerability scanning/remediation, industrial automation security
* Provided thought leadership for information security best practices for all lines of business, and evaluated tools and products developed by third-party providers to select and deploy the most effective and cost-effective solutions
* Managed intrusion detection/prevention systems (IDS/IPS), enterprise vulnerability scanners, next-generation firewalls (Fortinet, Palo Alto). Served as SME for cloud infrastructure/dev-ops security standards & architecture. CASB evaluation, implementation, and management

**The Walt Disney Company, Information Security Architect (Contractor)**

**Anaheim, CA – February 2018 – May 2018**

* Led Disney Parks and Resorts IT efforts in information security monitoring and regulatory compliance for cloud computing infrastructure and applications. Coordinated the implementation of security tools, documentation preparation, validation, and quality control for AWS hosted IaaS, PaaS & SaaS
* Integrated & configured Amazon cloud security tools (AWS CloudWatch, CloudTrail, Guard Duty, Config) as data sources for Evident.io continuous cloud security/compliance platform, to meet PCI DSS compliance for all cloud-based systems

**ICANN, Senior Information Security Architect (Contractor)**

**Playa Del Rey, CA – April 2017 – February 2018**

* Designed and implemented cloud & dev-ops security strategy, architecture & standards
* Implemented a Data Loss Prevention (DLP) & Personally Identifiable Information (PII) detection solution to safeguard confidentiality, integrity and availability of employee and stakeholder information. Focused on enforcing policies and pro-actively protecting data at rest and in motion, at the cloud and the endpoint level using Skyhigh CASB
* Managed, deployed, and enhanced Tenable Security Center (Nessus, LCE, PVS) for vulnerability assessment, threat information and log analysis, SNORT intrusion-detection system, Okta IAM integration for cloud applications, Cylance & ESET endpoint protection, F5 Networks Big-IP Application Security Management firewall

**Novartis Pharmaceuticals Corporation, Senior Information Security Engineer (Contractor)**

**Fort Worth, Texas – July 2014 – April 2017**

* Served as third-tier information security support for identity management, incident response, penetration testing, intrusion detection and security-related problem resolution for all Linux/Unix platform servers
* Maintained SOX, HIPAA and internal security audit compliance and remediation for all Linux/Unix platform servers, including AWS cloud environments
* Partnered with the Windows AD team on the deployment of identity management & unified resource control for the entire enterprise using Centrify
* Managed CyberArk, Qualys, Splunk, Metasploit, as part of pro-active security assessment efforts, and DigiCert Certificate Manager for PKI & TLS certificate management

**U.S. Concrete Corporation, Information Technology Architect (Contractor)**

**Euless, Texas - December 2013 – July 2014**

* Architected, deployed & managed the infrastructure and security standards for 20 concrete production plants in North America. Including Red Hat Linux & Windows servers (physical, VMware ESX virtualized and AWS cloud instances), Oracle Solaris, NetApp storage, Cisco Nexus, Barracuda firewalls, Sophos Endpoint protection, SolarWinds monitoring, Symantec NetBackup software and Meraki mobile device security

**CoreLogic, Senior IT Infrastructure Manager (Contractor)**

**Westlake, Texas - April 2013 – December 2013**

* Managed the team that performed the Chase/JP Morgan data-center uplift project. Including requirements gathering, project planning, and leading the team that upgraded to Linux, Solaris servers, VMware ESX, Windows servers, NetApp storage while migrating them to a new network using Cisco Nexus switching infrastructure at several locations across the US. These systems were all SOX & PCI DSS compliant

# CitiGroup, Global IT Infrastructure Manager (Contractor)

# Irving, Texas - April 2012 – April 2013

* Managed project teams on medium to large-scale IT infrastructure, data center migration, backup/recovery, EDW deployment and regulatory compliance projects (PCI DSS Level 1) for CITI's consumer credit cards organization and B2B lending in Latin America. Budgets varying from $500,000 to $4 million
* Served on the enterprise architecture team to gather requirements, define scope, project deliverables, discover potential risks, address gaps and determine budgetary requirements of IT solutions for the Citi Cards organization
* Maintained communication with all project stakeholders to set expectations, determine and schedule project deliverables, issue timely status reports and approve changes
* Developed and maintained project plans, performed budgeting and financial tracking, hardware/software specification and acquisition, and new requests for associated projects

# The Options Clearing Corporation, Senior UNIX Systems Engineer

# Irving, Texas – 2007 - 2012

* Provided systems administration for the high-availability infrastructure powering the options clearing activities of all stock exchanges and member firms in North America. Platforms included Solaris, Linux, VMware ESX, EMC storage
* Served as Unix/Linux SME for internal and external compliance & security audits
* Developed and implemented security standards and “gold images” for all production operating system builds
* Participated in the planning & execution of successful monthly disaster recovery and business continuity tests between Dallas and Chicago datacenters
* Managed Linux & Unix related infrastructure projects within the technology services group, including infrastructure refresh & expansion, software upgrades, Cognos BI dashboard, identity access management (using Vintella) and the Swift secure financial messaging system
* Developed and implemented process improvement strategies for IT infrastructure in alignment with the ITIL V3 methodology

**Triad Financial Corporation, Senior Systems Engineer**

**Huntington Beach, CA - 2004 – 2007**

* Architected, deployed & managed all Solaris, Linux, AIX, VMware, EMC storage, FileNet document repository infrastructure for the roadloans.com and triad financial web sites
* Managed project teams that planned and executed infrastructure upgrade projects, including roadloans.com (online auto loan originations platform). This project raised uptime for roadloans.com to 99.9% for the next two years and increased gross revenue up to $1 billion dollars in 2004
* Managed the team that achieved SOX compliance on all UNIX & Linux servers. Developed the plan to implement COBIT IT governance framework in the IT organization
* Served as the IT infrastructure SME for the enterprise data warehouse migration team. The successfully completion of the project resulted in several million dollars saved on annual recurring support costs
* Architected, deployed, and managed the operating environment for the loan originations risk management scorecard, using SAS Grid and FICO Model Builder software on the Sun Solaris platform
* Architected, deployed, and managed the infrastructure for Austin Logistics predictive analytics software. The deployment of this system resulted in a 25% increase in promise-to-pay ratio for the collections department’s call centers

UCLA Department of Physics & Astronomy, IT Systems Manager

**Los Angeles, California - 2003 – 2004**

* Managed all IT resources for the Astronomy division, including planning, budgeting, procurement, deployment and retirement of all hardware and software
* Led three junior systems administrators in supporting departmental IT operations on a daily basis
* Deployed and managed the firewall and network security for the infrared research group, significantly cutting down on the number of attempted system penetrations and significantly increasing group productivity
* Architected and implemented a single sign-on solution for the entire department using SunOne Identity Manager

**Frontera Corporation, Lead Systems Engineer**

**Santa Monica, California - 2002 – 2003**

* Architected, deployed, and managed IT infrastructure for The Dallas Cowboys, Wherehouse Entertainment and Pritikin Vitamin Company web sites

Magnet Interactive LLC, UNIX Systems Administrator

**Culver City, California - 2000 – 2002**

* Architected, deployed, and managed the IT infrastructure for the entire company, including authentication, email, file sharing, printing, backups, firewall, routers, and switches.
* Primary technical resource for several large accounts at a full-service marketing interactive agency. A few of these accounts included: Nissan North America, The Quiksilver Clothing Company

Education:

* **Master of Business Administration** (Information Technology Management), University of Dallas, Graduate School of Management**,** Irving, Texas,2011
* **Bachelor of Science** (Technical & Scientific Communications)**,** Texas Tech University, Lubbock, Texas,1997

**Certifications:**

* CISM (expected October 2021)
* Redhat Certified Systems Administrator (100-185-008)
* ITIL V3 Foundation Certification (834968)
* ITIL V3 Intermediate Practitioner Certification (00010221)
* QualysGuard Certified Specialist in Vulnerability Management
* Tenable Certified SecurityCenter® Administrator
* Amazon Web Services: Enterprise Security Administrator

**Key Knowledge Areas**

## Security frameworks/Standards/Methodologies

## OWASP Top 10, CIS Top 20, NIST, HIPAA, PCI DSS, ITIL v3, COBIT, TOGAF

## Security Solutions

## GRC (Evident.io, Archer)

## Firewalls (Cisco, Palo Alto, Barracuda, Check Point, F5 ASM, Linux IPtables)

## Proxies (BlueCoat)

## Laptop Encryption (BitLocker, Symantec PGP, McAfee)

## Vulnerability Scanners (Nessus, Tenable.io, Qualys, Nessus, CIS-CAT, Alienvault, Retina, Nexpose)

## Endpoint Protection (McAfee, Symantec, Trend, ESET, Cylance, Kaspersky, Sophos, ATP/Defender, Bit9 / Carbon Black)

## SIEM (Splunk, Snort, SolarWinds, SumoLogic, ArcSight)

## CASB (Skyhigh, Cloudlock)

## VPN (Cisco, F5, Check Point, Pulse Secure)

## URL Filtering (ForcePoint)

## Security Assessment (BurpSuite, Metasploit, OWASP Zap)

## SPAM & Phishing (Barracuda, McAfee, Proofpoint)

## IAM/Federated SSO (Centrify, Quest, CyberArk, Sailpoint, Okta)

## Wireless (Cisco Meraki, MobileIron, Apple Airport, MDM)

## Networking

## Palo Alto, Cisco switches and routers, F5 load balancing

## Platforms & Applications

## Operating systems (Linux, Windows, Mac OS X, Solaris, AIX, HP-UX)

## Cloud providers (AWS, Azure)

## Databases (Oracle, DB2)

## Storage (EMC, NetApp)

## Hobbies

## Running marathons, competing in Ironman triathlons