

Charles Kounakowitch

Network Engineer

Networking

Automation

LAN - WAN

Netdevops

NSX-T

in LinkedIn

Network Engineer with a growing range of industry experience looking to bring strong knowledge and a record of successful projects, migrations and automation to an expanding team

35 years old

Driving License

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Experiences

Network Engineer

Dassault Systèmes - Since 2022

- LAN projects and refreshes, automation of config optimization and compliance. Cisco Catalyst 9000 series based
- SD-WAN deployment - Fortinet solution
- VMWare NSX-T full deployment - private cloud automated with VRA
- NetDevOps, automation based on single source of truth (netbox) for multiple projects (WAN, LAN, DC)
- Datacenter network deployment - Arista EVPN solution

Senior Audiovisual Engineer North America

Dassault Systèmes - September 2017 to 2022 - Full-time - Waltham - United States - Massachusetts

- Manage new meeting room deployments across the US and Canada
- Manage AV projects for new office creation and office move (Bellevue WA, Long Beach CA, Milford CT and others)
- Extension of the North American HQ in Waltham MA
- Creation of a 500 seat Multi purpose room in the US headquarters Campus
- New training center and Customer Briefing Center, video wall + 40 touchpanels for first class customer experience in the US Headquarters
- New IT monitoring center in Montreal QC, videowall solution to help ensure business continuity in case of major IT disruptions
- Update the WW AV meeting room standards
- Automate provisioning and updates of devices and deploy monitoring solution

Audiovisual Engineer French HQ

Dassault Systèmes - September 2013 to September 2017 - Full-time - Vélizy-Villacoublay - France

- Opening of a new building in HQ : Creation of 60 meeting rooms, a multipurpose room and a new control room
Project management from start of RFP to end-user training
- Upgrade our 300 seats auditorium to new digital standards
In charge of the RFP with multiple contractors
Lead the integration of the new hardware (Fiber matrix switcher, 4K seamless switchers, digital mixer)
- Create a control room that monitors the 3Dexperience platform
Network based solution that displays data large format video wall
- Manage meeting room creation & upgrades
- Manage the creation of a large video wall used for realtime immersive applications
- Support the VR room & AV setups

Virtual Reality Engineer

Dassault Systèmes - September 2011 to September 2013 - Apprenticeship - Vélizy-Villacoublay - France

- Upgrade immersive room (CAVE - Virtual reality center)
- Upgrade network of CAVE to 10Gb per endpoint
- Manage IT aspects of Paris 3D project
- Manage IT aspects of DDay project
- Create VR Room for Waltham (MA - US) campus
- L2 VR support

Windows System Engineer

Dassault Systèmes - September 2010 to September 2011 - Apprenticeship - Vélizy-Villacoublay - France

- Design & write a dashboard that monitors Windows OS deployments on a global scale
- Deploy the tool to all geos
- L2 Windows support

Support technician

Dassault Systèmes - September 2009 to September 2010 - Apprenticeship - Vélizy-Villacoublay - France

- Create a dashboard that compiles data from incident management & finance tools. This helped finance decide how long we should keep IT assets
- End user IT support

Support technician

Sitel - February 2009 to August 2009 - Temporary Work - Troyes - France

- Technical phone operator
- Solve DSL related issues

IT Technician

Daniel Juvenelle - June 2005 to June 2008 - Part-time - Bar sur Seine - France

- Install & manage Active Directory
- Setup central storage system
- Implement new backup solution
- Day to day IT support

Skills

Networking

- VMware NSX-T
- Cisco Catalyst
- Cisco DNAC-C
- Routing protocols
- Fortinet SD-WAN
- Python



Audiovisual & IT

- Crestron Programming
- System administration
- AV architecture
- Powershell



Project Management

- Communication
- Managing tight deadlines
- Team Work
- Negotiation skills
- Problem solving



Virtual Reality

- Manage VR events
- Setup tracking system
- Setup cluster or multipipe solutions
- Problem solving



Certifications

- Cisco CCNP Enterprise
- Cisco DevNet Professional
- Vmware VCAP-NV
- Avixa CTS-D
- Avixa CTS-I

Education

Master's degree

Université de Versailles

2010 to September 2013

Computer Science

Network & System engineering

Professional Bachelor

IUT de Nice

2009 to 2010

Network & Telecommunication

Associate of Engineering

IUT de Troyes

2007 to 2009

Industrial automation and electrical engineering

Interests

Tinkerer

- Home automation, combination of multiple solutions synchronized through a Crestron processor and a Home Assistant instance
- Multiple homelab setups to tinker with various IT solution, used mainly for training, or home related tasks

Arts

- Photography
- Gallery / Museum

Gearhead

- Self taught in most mechanic tasks
- Trackdays
- Autocross events