

STÉPHANE TSACAS

IT specialist

1 av. de la porte Brancion, hall 7 boîte 29, 75015 Paris.

@ stephane@tsacas.com

☎ +33 (0) 6 1955 2879 / Fax : +33 (0)9 5595 4994

Career objective: lead or work in small team of highly skilled engineers with focus to high tech projects using state of the art tools or creating the tools of the future.

Profile & Skills:

20 years experience in the IT industry as Unix System Engineer, Network Architect, IT director.

- Team leader, system and network highly skilled team of engineers
- Network architect, broad Cisco products knowledge
- Focus on Network security
- Network supervision
- Unix servers management
- C programming on Unix systems, scripting
- Microsoft Office suite
- Financial and operational management
- Good communication skills
- Like team work

Expérience Highlights

October 2014: IT manager, Institut de Recherche et Coordination en Acoustique / Musique (Ircam). Position redefined as Linux/network administrator.

Feb. 95 - July 2011: IT Director, Institut Curie Research division (Biology and Physics), management of the Network & System team of 10 employees (network and system engineers, software developers, and technicians).

- Main achievements:
 - ↳ Definition and construction of the entire IT infrastructure from scratch
 - ↳ Smooth evolution of the infrastructure using the state of the art equipment
 - ↳ 10Ge redundant infrastructure and 1Ge internet connection
 - ↳ Sun/Oracle servers with SAN storage
 - ↳ IPSEC and SSL based VPN's. Network security
 - ↳ Data, ToIP, Video surveillance and supervision separate networks
 - ↳ Datacenter design, supervision of new buildings construction
 - ↳ Multiple sites topology.
 - ↳ 1,500+ PC and MacIntoshes and multiple high throughput data acquisition equipment like microscopes, sequencers, etc.
- Sun/Oracle servers under Solaris
- VMware and XEN for virtualization
- F5 load balancers
- Cisco routers (3600, 7200, 6500, ...), blades for the 6500 : FWM, WISM, IDSM, NAM.
- Cisco appliances CS-MARS
- Cisco Call Manager
- HP OpenView for network supervision
- Internally developed help desk ticketing system
- Internally developed file sharing service with an Internet front end
- Budgeting, resource and financial planning

Nov. 91 - Apr. 93: IT Consultant, Systems & Network, for: Fujitsu France, ISoft SA, France2 television, Biosym, Artech, ACT Multimedia

- Local Ethernet network design, AppleTalk to Ethernet bridges, Internet or Intranet network connections through TRANSPAC and UUCP.
- Sun Microsystems (Solaris) and IBM (AIX) workstations management
- User polling system with graphical output for interactive use during a TV show

Nov. 90 - Nov. 91: Ilog SA (now IBM), IT Director, team of three employees.

- Administration of a highly heterogeneous park of servers and workstations

Oct. 86 - Oct 90: Xanthos, Technical Director at EPITA (“Graduate School of Computer Science and Advanced Technologies”)

- Course coordinator for System & Network Engineering (about 15 different courses)
- Lecturer in Operating System course.

Dec. 85 - Sep. 86: MS2, System Engineer at ELF Aquitaine

- C programming and server administration, HP9000s500 + Pericolor digital processing system

Oct. 84 - Dec. 85: Héron, System Engineer at the Center of Advanced Communication of HAVAS.

- Graphical Kernel System (GKS) package port from VAX to HP1000, FORTRAN programming
- Lisp course to scientists at Sanofi-Aventis

82 - 84: Centre Mondial de l'Informatique et des Ressources Humaines

- DECSYSTEM 20 MIT TOPS20 system programming in PDP-10 assembly language
- System programming in C on MicroVAX II and VAX 780, PASCAL on Perq workstations, ZetaLisp on Symbolics Lisp Machines

Education

Bachelor of Science in Computer Science, Denis Diderot University (Paris VII, 1994, cum laude)

Associations and Professional Memberships

Member of ACM (Association for Computer Machinery)
Member of the Union Rationaliste (Rationalist Union)

Foreign languages

French (mother tongue), fluent in English, Greek (spoken), some Spanish.

Publications

- Writer for Por Esto! (poresto.net), largest newspaper of the Yucatán Peninsula, Mexico. *Cultural* section.
- Review of “A Dynamic Processor Allocation Policy for Multiprogrammed Shared-Memory Multiprocessors”, *ACM Transactions. Computer. Systems.*, 11(2), May 1993, for *ACM Computing Reviews*
- Review of “Fine grain mobility in the Emerald system”, *ACM Transactions. Computer. Systems.*, 6(2), Feb 1988. for *ACM Computing Reviews*, 30(2), Feb. 1989
- Review of “Microcomputer Hardware Design”, D. Protopapas, Prentice-Hall, July 1988, for *ACM Computing Reviews*
- Review of “Unix System Administration Handbook”, Prentice-Hall, 1989, for *ACM Computing Reviews*

Outside work

- 2013 - 2014 travelling in the Americas (from Austin USA to Montevideo, Uruguay)
- LinkedIn group owner and manager:
 - ↳ High Performance Computing (HPC), 14,500 members
 - ↳ Insects and Entomology, 11,500 members
 - ↳ CNRS Centre national pour la Recherche Scientifique, 8,200 members
 - ↳ INSERM Institut national de la Santé et de la Recherche Médicale, 2,800 members
- Freecycle Paris group owner and manager: 9,300 members
- Local city councilor (2014 - 2017) Georges Brassens neighborhood, Paris.
- Ingress player, L15, team Patates, Paris
- Couchsurfer host, with more than 50 positive feedback in 2012