

CURRICULUM VITAE
FOR
HASAN TAHSİN DEMİRAL



I. PERSONAL

Name : *Hasan Tahsin DEMİRAL*
Birth Place & Date : *Kayseri 17/11/1970*
Marital Status : *Married*
Office Address : *Merkez Mah. Asma Sok. No:2/8 Beyazgül K. Bahçeköy/Sarıyer*
Office Phone : *+90 (212) 226 4674*
Office Fax : *+90 (212) 226 3002*
Mobile : *+90 (532) 772 2714*
Web : *www.omegaegitim.com*
E-Mail : *tahsin.demiral@omegaegitim.com*

II. EDUCATION and WORK

Sept. 2006 – Present : *Omega Training and Consultancy*
Founder and Chief Instructor

Sept. 2002 – Aug. 2006 : *KocBryce Technology Education Services*
UNIX Systems Team Leader

Sept. 1998 – Aug. 2002 : *Gantek Technologies Group*
Education Coordinator and Sun Certified Instructor

Sept. 1995 – Aug. 1998 : *Istanbul Technical University*
Control and Computer Engineering Department
Degree: PhD Candidate

Sept. 1992 – Aug. 1995 : *Rensselaer Polytechnic Institute, New York / U.S.*
Computer Systems and Engineering Department,
Degree: M.Sc.

Sept. 1987 – Aug. 1991 : *Istanbul Technical University*
Control and Computer Engineering Department
Degree: B.Sc.

III. WORK EXPERIENCE

2006 (Sept) – : Founder and Chief Instructor of Omega Training and Consultancy

Delivering courses and giving consultancy on UNIX (Oracle Solaris, HP-UX, IBM-AIX), Linux (Red Hat, Oracle Linux, SUSE), Programming (C/C++, Shell, Perl, Python, Java), Database (Oracle DB, MySQL), Middleware (WebLogic)

- **Certificates**
 - SCJP (Sun Certified Java Programmer)
 - SCSA (Sun Certified System Admin)
 - SCNA (Sun Certified Network Admin)
 - RHCE (Red Hat Certified Engineer)
 - RHCX (Red Hat Certified Examiner)
 - RHCI (Red Hat Certified Instructor)

- **Programming Courses**
 - C/C++ Programming
 - Java SE7 Programming
 - Java SE8 Programming
 - Object Oriented Analysis and Design with UML
 - Oracle Database SQL Fundamentals
 - Shell Programming
 - Perl Programming
 - Python Programming

- **HP-UX Courses**
 - HP-UX Fundamentals (51434S)
 - HP-UX System and Network Administration I (H3064S)
 - HP-UX System and Network Administration II (H3065S)
 - HP-UX Security Administration (H3541S)
 - HP-UX Troubleshooting (H4264S)
 - HP-UX Performance and Tuning (H4262S)
 - HP-UX POSIX Shell Programming (H4322S)
 - HP-UX ServiceGuard I (H6487S)

- **Oracle Certified Solaris Courses**
 - Oracle Solaris 11 System Administration
 - Oracle Solaris 11 Advanced System Administration
 - Oracle Solaris 11 Network Administration
 - Oracle Solaris 11 Performance Management
 - Oracle Solaris 11 Security Administration
 - Oracle Solaris Cluster 4.x Administration
 - Zones Administration on Oracle Solaris 11
 - Oracle Solaris 11 Dynamic Tracing (DTrace)
 - Oracle Solaris 11 Fault Analysis and Troubleshooting
 - Oracle WebLogic Server 11g: Administration Essentials
 - Oracle WebLogic Server 11g: Advanced Administration
 - Perl Programming
 - Shell Programming
 - System Administration for the Solaris 10 Operating System, Part 1
 - System Administration for the Solaris 10 Operating System, Part 2

- Network Administration for the Solaris 10 Operating System
 - Configuring Security on the Solaris 10 Operating System
 - Solaris 10 ZFS Administration
 - Solaris 10 Dynamic Performance Tuning and Troubleshooting With DTrace
 - Oracle VM Server for SPARC Administration (formerly LDom Administration)
 - Sun Virtualization: Solaris 10 Containers Administration
 - Solaris 10 System Performance Management
- **Red Hat Enterprise Linux 7 Courses**
 - RH124 Red Hat System Administration I
 - RH134 Red Hat System Administration II
 - RH254 Red Hat System Administration III
 - RH199 RHCSA Rapid Track Course
 - RH299 RHCE Rapid Track Course
 - RH318 Red Hat Virtualization
 - EX200 Red Hat Certified System Administration Exam (RHCSA)
 - EX300 Red Hat Certified Engineer Exam (RHCE)

2002 (Sept) – 2006(Aug): UNIX Systems Team Leader, KocBryce Technology Education Services A.Ş. Altunizade, İstanbul

- Major Responsibilities are :
 - Management of UNIX, LINUX, Java, Security Trainers
 - Evaluating trainer performances and taking necessary actions to maintain overall quality
 - Evaluating surveys after courses and taking actions for customer satisfaction
 - Delivering high level courses
 - HP-UX Courses
 - HP-UX Fundamentals
 - HP-UX System and Network Administration I
 - HP-UX System and Network Administration II
 - Sun Solaris System Administration, Networking, Security, and Performance
 - SA225 Solaris 10 for Experienced System Administrators
 - SA200 Intermediate Administration for the Solaris 10 OS
 - SA202 Advanced Administration for the Solaris 10 OS
 - SA300 Network Administration for Solaris 10 OS
 - SC300 Administering Security on the Solaris OS
 - SA400 Performance Management for the Solaris OS
 - SA239 Intermediate Administration for the Solaris 9 OS
 - SA299 Advanced Administration for the Solaris 9 OS
 - SA399 Network Administration for Solaris 9 OS
 - Red Hat Linux System Administration, Networking, and Security
 - RH033 Redhat Enterprise Linux Essentials
 - RH133 Redhat Enterprise Linux System Administration
 - RH253 Redhat Enterprise Linux Network & Security Administration
 - Sun Java Programming
 - SL110 Fundamentals of Java Programming
 - SL275 Java Programming Language
 - OO-226 Object Oriented Analysis and Design with UML

- SL314 Web Component Development with Java Technology
- Perl and Shell Programming
 - SA245 Shell Programming
 - DTP250 Perl Programming

1998 (Sept) – 2002 (Aug): Education Coordinator and Sun Certified Instructor, Gantek Technologies Group A.Ş. Kısıklı, İstanbul

- Major Responsibilities are :
 - Delivering high level Sun Solaris, HP-UX and Java courses
 - HP-UX System Administration, Networking, Security, and Performance
 - Sun Solaris System Administration, Networking, Security, and Performance
 - Sun Java Programming
 - Perl and Shell Programming
 - Management of all Trainers
 - Working as a consultant for major customers and projects
 - Maintenance of IT infrastructure of education center
 - Determining and ordering the necessary equipments and materials for the courses
 - Management of relations with Education Partners

1995 (Sept) – 1998 (Aug): Teaching Assistant and PhD student, Istanbul Technical University, Control and Computer Engineering Department, Maslak, İstanbul

- Major Responsibilities are :
 - Teaching Assistant for the following courses
 - Data Structures and Programming Languages (C/C++, Java, Pascal)
 - Operating Systems, Computer Architecture
 - Computer Vision, Analysis of Algorithms, Cryptography
 - *System and Network Administrator* at Computer Engineering Department 1996-1998
 - COST project of signal processing for intelligent multimedia terminal. 1997-1998
 - Tubitak (EEEAG-154) project of Solving Computer Vision Problems such as edge detection, video coding using regularization theory. 1995 – 1997

1992 (Sept) – 1995 (Aug): Research and Teaching Assistant and M.Sc. student, Rensselaer Polytechnic Institute (RPI) Computer Systems and Engineering Department, New York, US

- Major Responsibilities are :
 - Teaching Assistant
 - *General Electric (GE) project of Efficiency of Fuzzy Neural Networks. August 1993 - December 1993*
 - *Project Manager* of National Science Foundation (NSF) project titled “Fast Neural Networks Algorithms for Fault Detection and Congestion Control over ATM Networks.” June 1994 - August 1995

IV. SKILLS & MAJOR CERTIFICATES

- **Language:** English (Excellent in Reading, Writing, and Speaking)
- **Computer:**
 - High level of experience in all types of UNIX operating systems especially on Solaris and HP-UX. These include System Administration, Network

- Administration, Security Administration, and Performance Management of these systems.
- High level of experience in LINUX operating systems especially on Red Hat Linux. These include System Administration, Network Administration, and Security Administration of these systems.
- High level of experience in Programming Languages. These include C/C++, Java, Perl, and Shell Programming.
- **Academic:**
 - Instructor and teaching assistant for the following courses in United States (RPI) and Turkey (ITU). Cryptography, Analysis of Algorithms, Computer Vision, Data Structures, Fuzzy Logic and Genetic Algorithms, Neural Networks.
- **Certification Details:**
 - Sun Certified Solaris Instructor for Sun Solaris Courses. Instructor exam (TTT) taken in Lisbon/Portugal - 1999
 - Sun Certified Java Instructor for the Sun Java Courses. (The only Sun Certified Java + Sun Certified Solaris instructor in Turkey) - 2001
 - Sun Certified System Administrator for Solaris 7,8 (Sylvan Exam Taken) - 1999
 - Sun Certified Network Administrator for Solaris 7,8 (Sylvan Exam Taken)-1999
 - Sun Certified Java Programmer (Sylvan Exam Taken) - 2000
 - Red Hat Certified Engineer (RHCE) and instructor for the following Red Hat Courses – Feb. 2004
 - Red Hat Certified Examiner (RHCX – Taken in Stuttgart Nov. 2004
 - Sun Certified System Administrator for Solaris 10 - 2011
 - Red Hat Certified Instructor (RHCI) for RHEL6 courses Dubai, Nov. 2010
 - Red Hat Certified System Administrator (RHCSA) for RHEL6 Dubai, Sep. 2011
 - Red Hat Certified System Engineer (RHCE) for RHEL 6 Casablanca, Nov. 2011
 - Red Hat Certified Examiner (RHCX) for RHEL 6 Jan. 2012

V. ACADEMIC PUBLICATIONS

- T. Demiral, “Fast Learning Algorithms for Feedforward Neural Networks”, M.Sc. Thesis, Rennselaer Polytechnic Institute, NewYork, August 1995.
- T. Demiral, C. Ji, “Power of Weak Classifiers”, World Congress of Neural Networks, Washington DC, July 1995, vol 1, pp 595-600.
- B. Kurt, H.T. Demiral, “Adaptive $\lambda\tau$ -Space Representation of Images and Edges,” Proceedings of 3rd International Conference on Communications, IMACS/IEEE CSCC'99, pp. 3011-3017, Athens GREECE, 4-8 July 1999.
- B. Kurt, H.T. Demiral, M. Gökmen, "Sahne Geçişlerinin Geometri Tabanlı Olarak Saptanması," 8th IEEE Conference on Signal Processing and Its Applications, IEEE SIU'2000, 2000.
- B. Kurt, H.T. Demiral, M. Gökmen, “Çevrite Dayalı Etkin Bir Görüntü Gösterimi,” 7th IEEE Conference on Signal Processing and Its Applications, IEEE SIU'99, pp. 369-374, Ankara Turkey, 1999.
- H.T. Demiral, M. Gökmen, "Benek ve Geometri Benzerliğine Dayalı Aşamalı Çevrit Eşleme," 7th IEEE Conference on Signal Processing and Its Applications, IEEE SIU'2000, 2000.

- H.T. Demiral, B. Kurt, “Adaptive $\lambda\tau$ -Space Representation of Images and Edges,” Recent Advances in Signal Processing and Communications, pp. 53-59, Part I: Signal Processing, World Scientific and Engineering Society Press, 1999.

VI. HONORS & ACTIVITIES

- Ranked first in the 1991 nationwide Minister of Education Scholarship exam and awarded his Master study in United States of America in Computer Engineering Field
- 1994 Chess Champion of the Rensselaer Polytechnic Institute and Team Captain of RPI in 1994 Pan American Intercollegiate Chess Championship.
- Member of United States Chess Federation with the rating of 2070-(Master Level)
- Sun Education Partner of the year award (EMEA region 1999)