

**CURRICULUM VITAE**  
**FOR**  
**HASAN TAHSİN DEMİRAL**



**I. PERSONAL**

**Name** : *Hasan Tahsin DEMİRAL*  
**Birth Place & Date** : *Kayseri 17/11/1970*  
**Marital Status** : *Married*  
**Home Address** : *Cumhuriyet Cad. Oyak Sitesi 31 Blok D:7 Ayazağa/İstanbul*  
**Office Phone** : *(212) 226 4674*  
**Office Fax** : *(212) 226 3002*  
**Mobile** : *(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

- **Company Profile**
  - Delivering Official Oracle Solaris, Oracle Java, Red Hat Enterprise Linux courses
  - Giving consultancy on UNIX and Java Programming areas
  - Oracle Certified Gold Partner since October 22, 2010
  - Authorized Sun Education Center of Sun Microsystems since November 2006
- **Certificates**
  - SCSA (Sun Certified System Admin)
  - SCNA (Sun Certified Network Admin)
  - SCJP (Sun Certified Java Programmer)
  - RHCE (Red Hat Certified Engineer)
  - RHCX (Red Hat Certified Examiner)
  - RHCI (Red Hat Certified Instructor)
- **Delivering Oracle Certified Solaris Courses (Selected List)**
  - System Administration for the Solaris 10 Operating System Part 1 (SA-200-S10)
  - System Administration for the Solaris 10 Operating System, Part 2 (SA-202-S10)
  - Network Administration for the Solaris 10 Operating System (SA-300-S10)
  - Configuring Security on the Solaris 10 Operating System (SC-301-S10)
  - Solaris 10 ZFS Administration (SA-2290-S10)
  - Dynamic Performance Tuning and Troubleshooting With DTrace (SA-327-S10)
  - Oracle VM Server for SPARC Administration (formerly LDom Administration)
  - Sun Virtualization: Solaris 10 Containers Administration (SA-355-S10)
  - Solaris System Performance Management (SA-400)
  - Perl Programming (DTP-250)
  - Shell Programming for System Administrators (SA-245)
- **Delivering Red Hat Enterprise Linux 6 Courses (Selected List)**
  - RH124 Red Hat System Administration I
  - RH134 Red Hat System Administration II
  - RH254 Red Hat System Administration III
- **Delivering HP-UX Courses (Selected List)**
  - HP-UX Fundamentals (51434S)
  - HP-UX System and Network Administration I (H3064S)
  - HP-UX System and Network Administration II (H3065S)

**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
    - 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 and Java courses
    - 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 OS. 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 the following Sun Solaris Courses. Instructor exam (TTT) taken in Lisbon/Portugal - 1999
    - SA119 Fundamentals of Solaris 9 OS
    - SA239 Intermediate System Administration of Solaris 9 OS
    - SA299 Advanced System Administration of Solaris 9 OS
    - SA399 TCP/IP Network Administration of Solaris 9 OS
    - SC300 Security Administration of Solaris 9 OS
    - SA400 Performance Management of Solaris 9 OS
  - Sun Certified Java Instructor for the following Sun Java Courses. ( The only Sun Certified Java + Sun Certified Solaris instructor in Turkey ) - 2001
    - SL110 Fundamentals of Object Oriented Programming
    - SL275 Sun Java Programming Language
    - SL285 Sun Java Programming Workshop
    - OO226 Object Oriented Analysis and Design with UML
    - SL314 Web Component Development with Java Technology
  - 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
    - RH033 Fundamentals of Red Hat Linux ES 3.0
    - RH133 System Administration of Red Hat Linux ES 3.0
    - RH253 Security Administration of Red Hat Linux ES 3.0
  - Red Hat Certified Examiner (RHCX – Taken in Stuttgart Nov. 2004.
  - Red Hat Certified Instructor for RHEL6 courses (T3 course taken Dubai November 2010). These courses include,

- RH124 Red Hat System Administration I
- RH134 Red Hat System Administration II
- RH254 Red Hat System Administration III

## **V. ACADEMIC PUBLICATIONS**

- T. Demiral, “Fast Learning Algorithms for Feedforward Neural Networks”, M.Sc. Thesis, Rensselaer 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, “Çevrime 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 İşleme," 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)
- Current interests include chess, movies, tennis, bowling, mythology.