

(Home Address)

Auriga # 4, Unidad El Rosario
Delegación Azcapotzalco
C.P. 02100
México D.F.
Phone : +52 (55) 52.37.26.78

(Term Address)

Computer Security Research Centre
London School of Economics
Houghton Street, London WC2A 2AE
United Kingdom
Phone : +44 (0) 20 78 49 49 53
Fax : +44 (0) 20 79 55 73 85

Date of Birth : 10th July 1973

Nationality : Mexican

E-Mail : t.a.herrera-vargas@lse.ac.uk

Web : <http://csrc.lse.ac.uk/>

PERSONAL PROFILE

Capable of achieving personal and professional objectives as demonstrated by completion of my academic degrees, professional career and my commitment to leisure pursuits. Excellent verbal and written communication skills and ability to relate to a wide range of people. Ambitious and goal oriented, with clear vision of future objectives.

SKILLS PROFILE**Communication**

- Working on team projects at Central Bank of Mexico has involved different roles from which I have developed negotiation and persuasion skills.
- Good communication skills from presentations at seminars. Dealing with users tactfully and diplomatically.
- Advising and training classmates during the time I trained martial arts.

Team Work

- Experience of working within teams involving planning, organisation, co-ordination and commitment.
- Successful course work dependent upon participation and motivation of project group.
- Founder of a Computer Fair called (CECEC), which lasts a week every year since 1993, while at University. This event gave the opportunity to organise, co-ordinate, lead certain parts of the program for first three years (93-95).

Problem Solving

- Development of strong analytic and diagnostic skills as part of degree courses.
- Decision making skills gained during the six years at Central Bank of Mexico and Presidency.
- Ability of adaptation to new environments and situations.

Computing

- Operating Systems : DOS, Windows XX, UNIX, Linux and VMS
- Programming Languages : Delphi, Visual Basic, Visual C++, Sybase, Power Builder, C++, and Natural
- Web Technologies : XML, DCOM and COM, Java.

EDUCATION AND QUALIFICATIONS

**2001- Expected 10/2004
(United Kingdom)**

Doctor of Philosophy in Information Systems (ongoing)

London School of Economics and Political Science

Research title: "The institutionalisation of anti-money laundering regulations in banking organizations: implications for Information System Security"

The focus of this research is the exploration and analysis of the way that anti-money laundering regulations are institutionalised in the banking sector, to contribute to increase understanding of the socio-organizational issues, dynamics and the implications for Information Systems Security to prevent security breaches posted by money laundering.

1998-1999
UMIST
(United Kingdom)

MSc. in Information System Engineering.

ISE is a specialist postgraduate course where I was equipped with expertise in most advanced areas of information technology, and able to apply this expertise to industrial and business problems. The course provided a foundation in areas considered vital for practising Information Systems Engineers, including requirements engineering, design and software engineering skills, together with communication and project management skills.

Modules taken:

Advances in Spatial Temporal Databases, Enterprise Knowledge Modelling, Information Systems Group Project, Computer Supported Co-operative Working, Information Systems Engineering in Industry, and Advances Methods in Business.

1991-1996
National Polytechnic
Institute
(Mexico)

Bachelor's Degree in Computer Engineering.

Honours Subjects:

Finite Mathematics, Neuronal Networks, Introduction to Artificial Intelligence, Compilers, Theory of information and Coding, Distributed Systems, Information Transference, Theory of Automaton, Computer Networks, Organisation of Computers, Databases.

WORK EXPERIENCE

1996-2001
Banco de México
(Central Bank of
Mexico)

My role involved the analysis and development of information systems to process data of economic sector from the economic sector from all over the country. Such data is used for analyses of the economy in the past and projections, as well as economic models, which support the process of decision-making. Also, evaluation of technologic projects of investment in hardware & software to take advantage of these resources for a better cost-benefit-ratio. Moreover, collaboration in the updating of legacy systems within the institution to assure quality, evolution and the best usage of such resources.

2000 - 2001
National Polytechnic
Institute
(Mexico)

Part time teacher at the ESIME Culhuacan belonging to the IPN where I taught Databases and Distributed Systems courses to final year students.

1995-1996
Presidency, Mexico

I was involved in the development of information systems using programming in Natural and Operating System Open VMS. Also, this work involved installation of software as well as computer equipment, maintenance of computer systems, and manage the day-to-day administration of the local network.

SCHOLARSHIPS

2001-2004

Awarded by: The Mexican National Council of Science and Technology (CONACYT)

Scholarship awarded for my doctoral studies that covers fees and living expenses.

2001-2002 **Awarded by London School of Economics, Department of Information Systems.**
Research Studentship.

1998-1999 **Awarded by: Central Bank of Mexico**
Scholarship awarded for my master course including fees and living expenses.

PUBLICATIONS

2003 **Herrera & Backhouse (2003)** “*Mexican suspicious transaction reporting: Legislation*”, Journal of Money Laundering Control, 6(1)

ACADEMIC INTERESTS

Money laundering, Information Security, Global Consequences of IT, Strategic Information Systems, Organisational Change, and Enterprise Modelling.

LANGUAGES

Spanish: Native
English: Fluently
German: Basic

LEISURE ACTIVITIES

- I have travelled extensively in Mexico as well as in USA, Canada, Europe, and Africa.
- Learning martial arts is part of my life. Having trained martial arts for several years I learned to know myself and gain self-confidence.
- I am interested in reading books related to ancient cultures.