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Education

M.S. Information Science and Engineering – Ritsumeikan University (Current)

B.S. Electronic Systems Eng. '08 (ISE) – ITESM Tec de Monterrey

- CNBV Compliance Officer Certification – (Certificate Number ERFQS6-2016-11888-NCOC)
- Research project in Robotics at Ritsumeikan University • Joint Training Program JICA-CONACYT • Shiga, Japan (2015)
- ITESM Campus Monterrey Class of 2008 • 80% ITESM Scholarship • GPA 3.6 (Honors)
- Kansai Gaidai Exchange Student Program • JASSO Scholarship • Osaka, Japan (2006)

Languages

- Spanish (Native), English (Fluent), Japanese (Conversational)

Employment

CEO

March 2015

- Acquire Transfer Directo License as a money transmitter in Mexico before CNBV (Comisión Nacional Bancaria y de Valores).
- Lead and participate in the creation of the Money Laundering and Terrorist Financing Prevention Manual and its updates.
- Design and implement of the Money Laundering and Terrorist Financing Prevention program and training.
- Comply with the requirements by law regarding Money Laundering and Terrorist Financing prevention supervised by the CNBV.

IT Director

July 2008

- Design and create a Payment Gateway Platform currently in use. (with over 6 Million transactions per year) (C#)
- Lead and received the first Bank Correspondent Administrator certificate from CNBV
- Design and implement a Hot-Standby dual infrastructure with datacenters and real-time database replication with minimum RTO.
- Design and create secure web based POS to conduct online transactions (Including baking teller transactions) (PHP)
- Design and implemented a secure platform to allow customers integration (API, Web Services and DLL)
- Design and implemented a system to integrate accounting to the bank core through Citi Direct

IT Network department assistant 2008

Jan 2007 – May

- Implemented and test a campus wide windows based streaming video system using multicast.
- Design and test web caching proxy for use in campus to optimize bandwidth consumption. (Squid)
- Created department intranet for documentation of Network topology. (PHP/MySQL)

IT Wireless department assistant and intern

Feb 2004 – Dec 2005

- Implemented the department web page.
- Evaluated new technologies for wireless administration and access point management campus wide.
- Wireless network security in campus, coverage strategies, setup and maintenance on access point campus wide.

Technical Experience

- Network infrastructure (planning, troubleshooting, configuration of routers, firewall, switches, access points, site to site VPN)
- Server Operating Systems (Linux Ubuntu, Windows Server 2008, AD, Exchange, Group Policy)
- ISO 8583 (Financial transaction messages)
- DB Admin, Sysadmin (DNS, DHCP, IIS, Apache, Tomcat, etc.)
- Server/Client Applications (TCP/IP Sockets, XML and Web Services)

Programming Languages and Technologies

- C# .Net, Visual Basic, PHP, Java, C++, Assembler, VHDL, SQL, MySQL, JavaScript, AJAX, XML, SOAP, etc.
- Visual Studio, Dreamweaver, Mat Lab, etc.
- Spartan 3, PIC, analog & digital electronics, Robotics.

Mayor School Projects

- Spring 2008 – Multicast Migration Project (cable TV to the Network)
- Spring 2008 – JSP/RMI Project (Robotic remote control system over the web)
- Spring 2008 – Transparent Squid Cache server implementation and Testing
- Spring 2008 – Robotics III project. Advanced Sensor (Accelerometers) and robot control.
- Fall 2007 – Robotics I project. SCARA robot.
- Fall 2007 – Robotics II project. Object recognition (Vision)
- Fall 2005 – Video Game in VHDL
- Spring 2005 – Network Packet creator
- Spring 2004 – Virtual casino (Java programming)

Extracurricular Activities

- Rock Wall Climbing
- Designated Driver Program General Coordinator (ITESM). May 2007 – May 2008
- Asian Federation (FEDEASIA) member. Fall 2007
- Hiking club (2005)
- Salsa (2005)
- Kung Fu (2005)
- Designated Driver Program Coordinator (ITESM). 2004
- SAISE “Día ISE” organization board. 2004
- Theater (2004)
- LISTOS Club secretary, Tijuana-Chula Vista 2003

Awards and Leadership

- Japanese Speech Contest (UANL), Spring 2010
- Desarrollo Estudiantil Diploma (ITESM), Mayo 2008
- Japanese Speech Contest (UANL), Spring 2008
- III Franc-Mexican school of Telecommunications
- 3rd Prize at Effective Speaking Contest, Fall 2007
- Kansai Gaidai - JASSO Scholarship, Fall 2006
- ITESM 80% Scholarship

Personal

- Single
- Will relocate or travel if required.
- Hobbies: Reading, hiking, swimming, running, movies, music, dancing, social activities, etc.