

Thomas Selgas

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SUMMARY OF EXPERIENCE AND QUALIFICATIONS **INVENTOR + MARKETING STRATEGIST + SENIOR DESIGN ENGINEER**

Over 20 years' experience in developing marketable engineering solutions, engineering software applications, and inventive skills to design system architectures for small business to Fortune 500 companies. Senior Team Lead with strong project management background, able to drive forward progress and achieve objectives within time and budget parameters. Rapid, career progression due to breadth of knowledge and abilities. Natural teacher, able to achieve knowledge transfer, mentoring and training of both technical groups and business units.

Microprocessor Cache Coherency Inventor + Dial-up Internet Connection Inventor

TECHNICAL EXPERTISE & PATENTS

SOFTWARE	HARDWARE	NOTED U.S. PATENTS	
Perl	Intel x86 µProcessor Family	5,724,549 – µProcessor Cache Coherency	
Delphi	Intel µControllers	6,571,290 – Dial-up Internet Connection	
C/C++	. 8051 Family	5,318,451 – Upgrade µProcessor	
SQL Server 2000	. 8096 Family	5,429,511 – Stackable Interconnection	
MySQL	Intel Advance Architectures	5,440,803 – Surface Mount Interconnect	
DB2 7.1, 8.1	. i860 µProcessor	Extraction Tool	
PL/SQL	. i960 µProcessor	5,617,628 – Integrated Circuit Extraction Tool	
Perl DBI			
XML	QualComm, DCMA	U.S. PATENTS CITATIONS	
ASP		<u>6,571,290</u>	<u>5,724,549</u>
UML	Sparc µProcessor	6,931,356	6,772,295
Linux		6,928,394	6,745,294
UNIX	Agere ET* Family	6,873,609	6,681,283
Solaris		6,865,169	6,665,816
Windows XP	Calpont SQL-on-Chip engine	6,739,506	6,633,971
Apache		6,640,301	6,629,207
HTTP			
ODBC		<u>5,318,451</u>	<u>5,440,803</u>
TCP/IP		6,492,739	6,249,960
RMON		6,320,270	6,230,396
LDAP		5,808,359	6,018,867
CGI		5,664,681	5,987,738
ASM		5,451,165	5,926,948

EXPERIENCE

INTERNET SYSTEM DESIGN AND AUTOMATION

1999-Present – MyMail Technology, LLC. Co-founder and Inventor.

1999-Present – MyMail, Ltd. Developed automated web hosting processes for third party business to host their web-sites on MyMail servers.

2000-Present – Legal Research Automation. Developed the Mocket Sheet™ system – an automated web-based system for law firms, which monitors and tracks dockets, scheduling and document check-in and check-out services.

1999-2002 – ChipData. Invented the method of and apparatus for sparse data table searching using limited inputs.

1995-1998 – Netsafe. Invented and licensed the method used by many Internet Providers, including AOL, AT&T and GTE, for connecting dial-up users to the internet.

SEMICONDUCTOR DESIGN AND SYSTEMS ENGINEERING

1989-1995 – Cyrix. Invented Cache coherency without bus master arbitration signals used in many of today's microprocessors. Invented the 386 to 486 upgrade microprocessor family of products.

1982-1989 – Intel. Participated in the development, deployment and integration of Intel's Real-time Operating System (iRMX) at many Fortune 500 companies including: Abbot Labs, FedEx, Beckman Coulter, and Northern Telecom.

EDUCATION AND TRAINING

BSEE, University of Evansville, 1982

American Red Cross Certified CPR Instructor, 1982

American Red Cross First Aid Instructor, 1982

PADI Certified Diver, 1981

FAA Certified Pilot, 1994

Texas Parks & Wildlife Boat Educator, 2004

AFFILIATIONS

Texas Parks & Wildlife Volunteer Staff

Institute of Electrical and Electronics Engineers (IEEE)

West Allen Church of Christ

OTHER ACTIVITIES

Pilot

Scuba Diver

Water Skiing