

Jenkins & Gilchrist

A PROFESSIONAL CORPORATION

1225 NEW YORK AVENUE, N.W.
SUITE 1100
WASHINGTON, D.C. 20005

(202) 326-1500
TELECOPIER (202) 326-1540

AUSTIN, TEXAS
(512) 499-3800

DALLAS, TEXAS
(214) 855-4500

HOUSTON, TEXAS
(713) 951-3300

SAN ANTONIO, TEXAS
(210) 308-3100

WRITER'S DIRECT DIAL NUMBER

Robert Charles Hill
(202) 326-1547

September 7, 1995

BY FEDERAL EXPRESS

Ms. Patti Karn
Perot Systems Corporation
1801 Robert Fulton Drive
Reston, Virginia 22091

Re: Work Evaluation on Behalf of John Merrifield

Dear Patti:

We received today the results of Mr. Merrifield's evaluation of work experience from Josef Silny & Associates. Attached are the original documents for your records. As indicated, Mr. Merrifield has earned the equivalent of a bachelor's degree in electrical engineering from an accredited college in the United States.

Please feel free to contact us should you need further assistance in this matter.

With kind regards.

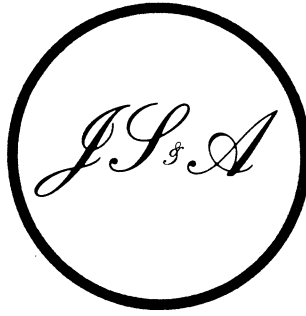
Sincerely,

Robert Charles Hill
by dml

Robert Charles Hill

RCH:gsw

Enclosures: As stated



September 5, 1995

U.S. Immigration and Naturalization Service

Dear Sirs:

Attached is my evaluation of the work experience of Mr. John H. Merrifield in terms of a degree issued by an accredited American college or university.

My evaluation is based upon the assumption that in various fields there is a level of functioning on the job which suggests an academic degree of one kind or another. I reached my conclusion by examining the applicant's formal education history, as well as responsibilities as indicated by the job descriptions, as documented by employers.

My qualifications are as stated in the attached biography.

As a member of the graduate admissions committee for the Electrical & Computer Engineering Department since 1974, I and the other committee members have the authority to grant transfer credits to individuals who studied at U.S. or foreign institutions of higher education. In order to make an admission decision, we review the academic records and test results of the applicants and we take into consideration the professional training and/or experience in the specialty.

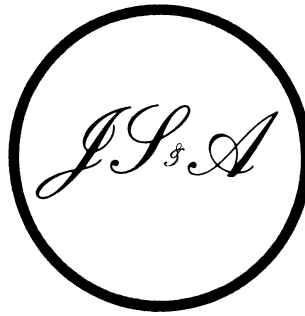
I have been doing work experience evaluations as an Associate of Josef Silny & Associates, Inc., International Education consultants since 1989. All of my work experience evaluations have been accepted by the Immigration and Naturalization Service. Consequently, I am considered by your definition a "Recognized Authority".

Sincerely,

Moiez A. Tapia, Ph.D.
Professor of Electrical and
Computer Engineering
University of Miami
Coral Gables, FL 33124

MAT/mp

Josef Silny & Associates, Inc.
International Education Consultants
P.O. Box 248233
Coral Gables, Florida 33124
Tel: (305) 666-0233
Fax: (305) 666-4133



Evaluation of Work Experience of
Mr. John H. Merrifield in Terms of
Equivalent Degree at an Accredited American
College or University for Consideration by the
Immigration and Naturalization Service

September 5, 1995

We have examined the work history (presumed to be verifiable) of Mr. John H. Merrifield. The evaluation is based on the following:

1. Mr. Merrifield passed in 1967 the General Certificate of Education Advanced Level given by the University of Oxford, U.K. This is equivalent to completion of 8 semester credit hours of physics in a junior college in the United States.
2. Mr. Merrifield had the technical experience described in the resume.
- 3a. The break-down of the percentage of time he spent in different activities is attached.
- 3b. The equivalent full-time months in development and design that he spent and that can be given credit for equivalent semester credit hours at junior and senior levels are computed as follows:

1962-1968:	10 x 0.70	=	7.00 months
	8 x 0.65	=	5.20
	9 x 0.75	=	6.75
	9 x 0.75	=	6.75
	7 x 0.50	=	3.50
	9 x 1.00	=	9.00
	7 x 1.00	=	7.00
	9 x 0.9	=	8.10
1968-1979:	11 x 1.0	=	11.00
1979-1980:	Nil		
1982-1984:	Nil		
1984-1988:	34 x 0.1	=	3.4
	9 x 0.8	=	7.2

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1988-1990	26 x 0.45 =	11.7
	3 x 0.9 =	2.7
	34 x .35 =	11.9
1990-1993:	Nil	
1993-1994:	Nil	
1994:	4 x .12 =	.48
1994-1995:	9 x .15 =	1.35

Total	=	103.03 months

3c. The equivalent full-time months he spent in fault analysis, testing, repairing or maintaining that can be given credit for equivalent semester credits at junior college level are computed as follows:

1962-1968:	10 x 0.30 =	3.00 months
	8 x 0.35 =	2.80
	9 x 0.25 =	2.25
	9 x 0.25 =	2.25
	12 x 1.00 =	12.00
	7 x 0.50 =	3.50
	24 x 1.00 =	24.00
	9 x 0.10 =	0.90
1968-1979:	26 x 1.00 =	26.00
	30 x 0.8 =	2.40
1979-1980:	Nil	
1982-1984:	24 x .75 =	18.00
1984-1988:	34 x 0.35 =	11.90
	9 x 0.20 =	1.80
1988-1990:	26 x 0.25 =	6.50
	3 x 0.10 =	0.30
	34 x 0.25 =	8.50
1990-1993:	Nil	
1993-1994:	12 x 0.7 =	8.40
1994:	4 x .45 =	1.80
1994-1995:	Nil	

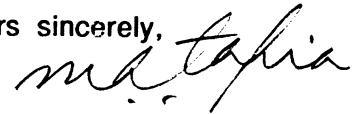
Total		136.30 months

3d. Based on the equivalent full-time months computed in 3(b) and 3(c), Mr. Merrifield is entitled to equivalent of $(120 \times 103.03/12/12 =)$ 85.8 semester credit hours at junior and senior levels in an undergraduate college, and is entitled to $(120 \times 136.3/12/12 =)$

113.58 semester credit hours at the junior college level. Adding 8 semester credit hours earned by formal education, he is entitled to an equivalent of 121 semester credit hours at the junior college level.

- 3e. Normally a minimum of 60 semester credit hours are required at the junior college level and additional 60 semester credit hours are required at junior and senior levels in an undergraduate college for a bachelor's degree in engineering.
6. We conclude, therefore, that in our opinion, Ms. Merrifield has earned the equivalent of a bachelor's degree in electrical engineering from an accredited college in the United States.

Yours sincerely,



Moiez A. Tapia, Ph.D.
Professor of Electrical and
Computer Engineering
University of Miami
P.O. Box 248294
Coral Gables, FL 33124

Other publications since 1988:

- (1) "A Heuristic Algorithm for Simultaneous Minimization of a Set of Boolean Functions with Common Arguments", co-authors D. Lee and X. Zhao, Proc. of ISMM International Mini & Microcomputers, Dec. 14-16, 1988, Miami Beach, FL.
- (2) "Superaccurate Computing", co-author A.S. Boujarwah, Proc. of ISMM International Conference on Mini & Microcomputers, Dec. 14-16, 1988, Miami Beach, FL.
- (3) "A Layered Network for Data & Voice Integration", co-author M. Peyravian, accepted for presentation at, and inclusion in the Proc. of Hawaii International Conference on System Sciences, Jan. 1989.
- (4) "Simulation & Modeling of Tightly Coupled Multiprocessor Architectures", co-authors G. Spicker & B. Furht, Proc. of Wescon 88, Anaheim, Ca., Nov. 17-18, 88.
- (5) "Analysis of Tightly Coupled Multiprocessor Architectures", co-author G. Spicker and B. Furht, Proc. of 21st Southeastern Symposium on System Theory, Tallahassee, FL, March 26-28, 1989.
- (6) "Solutions of Multivalued Logic Algebra Equations", Proc. of IEEE Southeast 89, April 9-12, 1989, Columbia, S.C.
- (7) "Merging of Cubes of Distinct Weights to Minimize a Multivalued Logic Function", co-author T. Guima, Proc. of IEEE Southeastcon 89, April 9-12, 1989, Columbia, S.C.
- (8) "Analysis of Tightly Coupled Multiprocessor Architectures", co-authored by G. Spicker, B. Furht, Proc. of 21st Southwestern System Theory Symposium, Tallahassee, FL, March 26-28, 1989.
- (9) "Comparative Analysis of Algorithms for the Minimization of Multivalued Logic Functions", co-authored by Alexander E. Perez-Pons, Proc. IEEE TENCON Conference, Nov. 22-24, 1989, Bombay, India.
- (10) "Object-Oriented Language Taxonomy", co-author A. Perez-Pons, Proceedings of IEEE Southeastcon'91, Williamsburg, Virginia, April 8-10, 1991.
- (11) "Canonical Representation of Multivalued Logic Functions", co-author T.A. Guima, Proceedings of IEEE Southeastcon-92, Birmingham, Alabama, April 12-15, 1992.
- (12) "Using Karnaugh Maps to Solve Boolean Equations by Successive Elimination", co-author J.H. Tucker, Proceedings of IEEE Southeastcon-92, Birmingham, Alabama, April 12-15, 1992.
- (13) "Study of Parametric Representation of Cubes of a Boolean Function & Its Use in Reduction" co-author A.S. Boujarwah, Proceedings of, IEEE Southeast Conference, Charlotte, N.C., April 4-7, 1993.
- (14) "Comparative Analysis of Different Configurations of PLC-Based Safety Systems from Reliability Point of View", co-author V. William Wessel, Technical Report, Systems Safety,

Quality and Reliability Division, NASA Langley Research Center, Hampton, Va., Summer 1993.

- (15) "Minimum Parameter Solution of Switching Equations", co-author J.H. Tucker, Proc. of IEEE Southeastcon'94, April 10-13, 1994 (accepted for presentation and inclusion)

Revised: January 21, 1994

RESUME

NAME: MOIEZ A. TAPIA

CITIZENSHIP: U.S.A.

ADDRESS: Elect. & Comp. Eng. Dept.
U. of Miami, Box 248294
Coral Gables, FL 33124

Office Ph: (305) 284-5565
Res. Ph: (305) 666-9590

EDUCATION

B.E. (E.E.) University of Poona (India), 1960
M.S. (E.E.) University of Illinois (Urbana), 1962
Ph.D. (E.E.) University of Notre Dame (Indiana), 1966

Ph.D. Thesis Title: (1966)

"Analysis & Synthesis of Weighted Communication Networks"

EMPLOYMENT HISTORY

Sept. '87-July '88	Graduate Co-ordinator & Professor
May '81 - Present	Professor University of Miami
May '82-Aug '82	ASEE - Navy Summer Research - Fellow Naval Air Development Center, Warminster, Pa.
Aug '74- May '81	Associate Professor University of Miami
June '72-May '74	American Society for Engineering Education - Ford Foundation Resident Fellow Computer Division NASA Langley Research Center Hampion, Va. 23665
Sept. '68 -Aug '72	Assistant Professor Georgia Institute of Technology Atlanta, Georgia, 30332
Sept. '67-June '68	Assistant Professor University of Miami
Sept. '66-Aug. '67	Assistant Professor Georgia Institute of Technology Atlanta, Georgia 30332
Sept. '60-Aug. '67	Assistant Lecturer S.B. Polytechnic Institute Bhavanagar, India
Jan. '60 - Aug. '60	Junior Engineer Koyana Hydroelectric, Bombay, India

RESEARCH GRANTS, CONTRACTS, AND AWARDS

- 1) IEEE Computer Society Distinguished Visitor 1987-1990.
- 2) NASA-ASEE Summer Faculty Fellowship, May-July 1993.
- 3) Elected "Professor of The Week" Feb. 1990.
- 4) Received College of Engineering Alexander Orr, Jr. Excellence in Teaching Award, 1989.
- 5) Florida High Technology & Industry Council Research Grant Award for the year 1990, \$20,000.
- 6) Received ASEE Award to attend a two-week course: "Engineering Workstations", Rice University, Houston, Texas, August 1988.
- 7) Received ASEE Award to attend a two-week course: "Structure and Interpretation of Computer Programs", MIT, Cambridge, Mass, June-July '89.
- 8) Selected to participate in 3-week NSF Workshop: "Modern Foundations of Computer Science", SUNY at Stony Brook, N.Y. July 24, 1989 - August 11, 1989.
- 9) Received ASEE Award to attend a two-week course: "Problem Solving in Unix Environment", AT&T Labs, Holmdel, N.J., July 9-20, 1990.
- 10) Received support to attend NATO Advanced Study Institute on Real-Time Computing, St. Marteen Island, Dutch Antilles, October 1992.

SUPERVISION OF THESES:

- 1) Chairman of Doctoral Dissertation Committee of Dr. A.S. Boujarwah. Area of research: Enhancement of Accuracy of Computation. (Graduated in 1988)
- 2) Co-chairman of Doctoral Dissertation Committee of Dr. Ying-Nan Lai. (March 1988).
- 3) Chairman of Doctoral Dissertation Committee of Dr. Thierry Ruidant (September 1990).
- 4) Co-chairman of Doctoral Dissertation Committee of Dr. German Spicker (March 1989).
- 5) Chairman of Master's Thesis of Mr. Mohammad Peyravian (April '89).
- 6) Chairman of Master's Thesis of Mr. Alexander Perez-Pons (August 1989).
- 7) Chairman of Master's Thesis of Ms. Chonta Andrews (April 1990).
- 8) Chairman of Doctoral Dissertation Committee of Mr. Alexander Perez-Pons (in progress).

Graduate courses taught since 1989:

EEN 519: Design of Programming Languages
EEN 650: Fault-Tolerant Computer Design
EEN 697: Real-Time Systems

Refereed Publications Since 1988

- (1) "Boolean Integral Calculus", *Journal of Applied Mathematics & Computations*, co-author J.H. Tucker and A.W. Bennet. Vol. 26, pp 201-236, 1988.
- (2) "Introduction of a New Data Type to a High-Level Language to Improve Accuracy of Computation", (Refereed Selection), co-author A.S. Boujarwah, Proc. of Phoenix Conference on Computers & Communications, March 16-18, 1988.
- (3) "Supercomputers with Superaccuracy", co-author A.S. Boujarwah, Proc. of Third International Conference on Supercomputing, 1988, Boston, Mass. (Refereed selection).
- (4) "Integral Calculus for Multivalued Logic Algebra" co-authors T.A. Guima and A. Katbab, The Eighteenth International Symposium on Multiple-Valued Logic, May 24, 26, 1988, pp. 186-193, Palma de Mallorca, Spain. (Refereed Selection).
- (5) "Solution & Applications of Simultaneous Equations in a Multi-valued Logic Algebra System", International Journal of Electronics, Vol. 67, No. 5, pp. 717-725, 1989.
- (6) "Symmetric Multivalued Logic Functions: Characterization and Synthesis", International Journal of Electronics, 1989, Vol. 67, No. 5, 703-715.
- (7) "Statistical Evaluation of Accuracy of Computation Using Rational Type", co-author A.S. Boujarwah, International Journal of Mini & Microcomputers, Vol. 12, No. 1, 1990, pp. 7-11.
- (8) "Calculus for a Multivalued-Logic Algebraic System", co-authors T.A. Guima and A. Katbab, *Journal of Applied Mathematics & Computation*, 42:255-285 (1991).
- (9) "A Heuristic Method for Boolean Function Reduction", co-authors Deming Lee & A.S. Boujarwah, *International Journal of Electronics*, 1993, Vol. 74, No. 1, 73-92.

Invited Publications Since 1988

- (1) "Fault-Tolerant Design Methodology", (Invited) Southcon Conference, Orlando, FL, March 21-24, 1990.
- (2) "Object-Oriented Design: Concepts & Scope", (Invited) Proceedings of Northcon Conference, Seattle, Washington, October 9-11, 1990.
- (3) "Object-Oriented Development of Real-Time Programming Systems", co-author A. Perez-Pons, Proceedings of Northcon Conference, Seattle, Washington, October 9-11, 1990.
- (4) "Extended C++ for Object-Oriented Design of Real-Time Systems", co-author A. Perez-Pons, Proceedings of Northcon Conference, Seattle, Washington, October 9-11, 1990.

ORGANIZATIONS WHICH ACCEPT EVALUATIONS DONE BY JS&A

1. **U.S. FEDERAL GOVERNMENT**
 The United States Immigration and Naturalization Service
 The United States Department of Agriculture
 The United States Department of Defense
 The United States Department of State
 The United States Office of Personnel Management
 The United States Labor Department
 Federal Bureau of Prisons

2. **U.S. ARMED FORCES**
 Air Force, Army, Marines

3. **LICENSING BOARDS**

Accounting: Alaska, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Kentucky, Maryland, Michigan, Minnesota, Missouri, New Mexico, Oregon, South Carolina, Virginia, Washington, Wisconsin, Wyoming

Dentistry: Arizona, Colorado

Engineering: Florida, Kentucky, Ohio, Vermont, Wisconsin

Law: California, Florida

Medical Laboratory: American Medical Technologists, American Society of Clinical Pathologists, Health Care Financing Administration, Connecticut, Florida, Georgia, Nevada, Tennessee

Physical Therapy: California, Florida, Georgia, Maine, New Hampshire, Pennsylvania, Tennessee

Psychology: Florida, Maryland

Respiratory Care: National Board for Respiratory Care, California, Florida

4. **STATE DEPARTMENTS OF EDUCATION**
 Arkansas, Connecticut, District of Columbia, Florida, Georgia, Maryland, Missouri, New Jersey, New Mexico, Ohio, Oklahoma, Rhode Island, Tennessee, Virginia, Wisconsin

5. **OTHER GOVERNMENTAL AND PRIVATE AGENCIES**
 American Association of Colleges of Osteopathic Medicine
 American Association of Colleges of Podiatric Medicine
 Broward County Sheriff's Office
 Florida Department of Health and Rehabilitative Services
 NCAA
 New York State Department of Civil Service
 Offices of Personnel: the City of Miami, Miami Beach, Ft. Lauderdale

6. **NUMEROUS COLLEGES AND UNIVERSITIES**