Robert M. Laurie

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EDUCATION EMPLOYMENT EXPERIENCE:

University of Maryland - Overseas Division

3501 University Boulevard, Adelphi, Maryland 20783

Iwakuni, Japan: Lecturer, 2001 through Present
Guam, Micronesia: Lecturer, January 1998 through 1999

Letters of Recommendation

Taught courses with the following course titles:

- Web Site Design
- C++ Programming
- Computer Hardware & Concepts
- Management Information Systems
- Introduction to Programming and Algorithm Design
- Introduction to Computer Based System

Michigan Technological University

Electrical & Computer Engineering Department,
Houghton, Michigan 49931

Lecturer, January 2000 through 2001
Lecturer, August 1988 to 1990
Graduate Teaching Assistant, March 1983 to 1986

Letters of Recommendation

Taught courses and laboratories with the following course titles:

- Circuits and Instrumentation
- Digital and Analog Electronics
- Introduction to Computer Engineering
- Linear Control Systems
- Computer Networking
- Introduction to Web Site Design
- Intermediate Web Site Design
  (Korea University of Technology & Education (HRDI), Korea)
- ESL Program - Web Site Design
  (Kyung Pook National University, Korea)

Northern Michigan University

Electronics Department, Marquette, Michigan 49855

Assistant Professor of Electronics, 1996 through December 1997

Letters of Recommendation

Taught courses and laboratories with the following course titles:

- ◆ Computer Interfacing (Hardware and Software)
- ◆ Computer Programming using C
- ◆ Digital Electronics and Systems
- ◆ Analog Electronics

CORPORATE EMPLOYMENT EXPERIENCE:

Magic Edge Incorporated

1245 Space Park Way, Mountain View, California 94043

Software Engineer, 1994 through 1996
Virtual reality company that produces flight simulation equipment

- ◆ Design and write specifications for both software and hardware
- ◆ Control software programming using C and Visual Basic
- ◆ Control design using PC I/O cards for motion and safety systems
- ◆ CAD wiring schematic layout
- ◆ Project management and vendor procurement

John Deere Incorporated

18600 S. John Deere Road, Dubuque, Iowa 52001

Electrical Engineer, 1991 through 1993
Construction equipment division, experimental test center

- ◆ Durability test design for construction equipment components
- ◆ Servo loop control design
- ◆ Programmable logic controller programming
- ◆ GUI design using Allen Bradley Control View MMI
- ◆ Lab View PC Software used for data acquisition and control
- ◆ Courses Taken: ISO 9000 TQM Training, SLC500 PLC Programming
- ◆ Course Taught: PLC Programming for United Auto Workers
Technicians

AT&T Bell Laboratories

1600 Osgood Street, North Andover, Massachusetts 01825

Member of Technical Staff, 1986 through 1988
Digital transmission system division

- ◆ Digital circuit design at systems and board level
- ◆ Manufacturing test automation of in-circuit test area
- ◆ Designed In-Circuit test fixture system (Patent applied for)
- ◆ Courses Taken: Total Quality Management, Robotics, UNIX, C

Rosemount Incorporated

Minneapolis, Minnesota

Manufacturing Test Engineer, 1980 through 1982
Aerospace division, both military and civilian products

- ◆ Manufacturing test automation for avionics sensor products
- ◆ Flow tunnel automation project

LICENSED PROFESSIONAL ENGINEER:

Michigan License No. 34024   (Since 1988)

AUTHORED PROFESSIONAL PUBLICATIONS:

Fundamentals of Digital Systems

McGraw-Hill Custom Publishing, New York, NY, June 2000
ISBN: 0-07-245681-7

Sequential Control Synthesis Using State Tables

IEEE IECON'87, Cambridge, Massachusetts, November 1987

State Machine Architecture Optimized For Sequential Control

IEEE IECON'87, Cambridge, Massachusetts, November 1987

Slim Line Test Fixtures For In-Circuit Testing

AT&T - Test Conference, Princeton, NJ, October 1987

EDUCATION:

M.S. Electrical Engineering

GPA=3.83 (A=4.0), Thesis, Diploma, Transcript
Michigan Technological University, Houghton, Michigan 49931

B.S. Mechanical Engineering

GPA=3.30 (A=4.0), Diploma, Transcript
Michigan Technological University, Houghton, Michigan 49931

Non-degree Courses Taken

Michigan Technological University, Houghton, Michigan 49931

Database Management
Foundations of Education
Computers in Education
Measurement and Evaluation in Education & Psychology
Drawing and Painting Classes

Spanish Intensive Language Class

Bio-Itza Eco-Cultural Escuela, San José, Petén, Guatemala, Certificate, 1999

Macrobiotic Cooking Teachers Course

Vega Institute, Oroville, California, 1997

Yoga Teachers Training Course

White Lotus Foundation, Santa Barbara, California, Certificate, 1991

German Intensive Language Class

Grundstuffe II (2 Months), Certificate
Goethe Institute, Munich, German