

Robert Laurie

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Summary

Seeking position in Digital Media utilizing web technologies. I have been creating websites and teaching website design for the past 20 years. I am very skilled at coding HTML, CSS, and JavaScript on the client side. I have done server side coding utilized MySQL to support database driven websites and embedded PHP with SQL commands. Currently, learning goLang and the Jekyll and Hugo static website generators generating content in markdown. I have utilized Adobe Dreamweaver for a long time beginning with version 1.5, but currently I actually prefer to code websites using a text editor.

Employment Experience

University of Maryland - Asia Division

3501 University Boulevard, Adelphi, Maryland 20783

Associate Professor: Employed by UMUC, 40 hrs/week during three different periods;
08/01/2009 – Retiring 7/31/2020, 01/01/1998 - 07/01/1999, 08/01/2001 - 08/01/2003

Taught courses with the following course content:

- IFSM201: Introduction to Computers
- IFSM300: Organizational Info Systems
- CMIS102: Problem Solving and Algorithms
- CMIS141: Java Programming
- CMST301: Digital Media
- CMST385: Web Site Design 1
- CMST386: Web Site Design 2
- IFSM410: Database Management

Northern Marianas College

P.O. Box 501250, Saipan, MP 96950, CNMI

Instructor fulltime, August 2005 through August 2008, 40 hrs/week

Teach courses with the following content:

- CS103: Introduction to Computers
- CS222: Web Site Design
- CS227: Intro to Programming
- CS229: Java Programming

University of Guam

Computer Science Department, Mathematical Sciences Division,
UOG Station, Mangilao, GUAM 96923

Instructor fulltime, 2003 through 2005, 40 hrs/week

Taught courses with the following content:

- CS201: Web Programming
- CS202: Java Programming
- CS315: Database Systems
- MA085: Developmental Math

Michigan Technological University

Electrical Engineering Department, Houghton, Michigan 49931
Instructor fulltime, 2000 to 2001 and 1988 to 1990, 40 hrs/week
Taught courses and laboratories with the following course titles:

- EE260: Computer Engineering
- EE371: Linear Control Systems
- ECE301: Circuits Instrumentation
- ECE450: Computer Networking

Magic Edge Incorporated

1245 Space Park Way, Mountain View, California 94043
Electrical and Software Engineer, December 1995 through June 1997, 40 hrs/week
Virtual reality company that produces flight simulation equipment

- Designed and wrote specifications for both software and hardware
- Project management and scheduling tasks done using MS Project
- Vendor procurement, contract negotiation, contract services, assessment and verification

John Deere Incorporated

18600 S. John Deere Road, Dubuque, Iowa 52001
Electrical Engineer, September 1991 through April 1993, 40 hrs/week
Construction equipment division, experimental test center

- Utilized MS Office: Word, Excel, and Access.
- Lab View PC Software used for data acquisition and control.
- Assessment of test results and management reporting.

AT&T Bell Laboratories

1600 Osgood Street, North Andover, Massachusetts 01825
Member of Technical Staff, June 1986 through April 1988, 40 hrs/week
Digital transmission system division

- Designed In-Circuit test fixture system (Patent applied for)
- Courses Taken: Total Quality Management, Robotics, UNIX, C

Authored Professional Publications

- [Sequential Control Synthesis Using State Tables](#), IEEE IECON'87, Cambridge, Massachusetts, November 1987
- [State Machine Architecture Optimized For Control](#), IEEE IECON'87, Cambridge, Massachusetts, November 1987

Education

M.S. Electrical Engineering (Computer Engineering Emphasis)
Michigan Technological University, GPA=3.83, [Thesis](#), [Diploma](#)

B.S. Mechanical Engineering (Computer Modeling Emphasis)
Michigan Technological University GPA=3.30, [Diploma](#)