

PHILIP ANTHONY THOMAS
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EDUCATION

- Master's program (Biology)** 1989-1990
East Tennessee State University, Johnson City, Tennessee
- B.Sc., Biology (minors: computer programming, psychology)** 1981-1989
Mars Hill College, Mars Hill, North Carolina

WORK EXPERIENCE

Research Associate June, 1992 - present
Research Corporation of the University of Hawaii, Hawaiian Ecosystems at Risk project, c/o National Biological Service, Haleakala_ National Park Field Station, P.O. Box 369, Makawao, Maui, Hawaii 96768

Duties: Design database for field data RE: native Hawaiian species and threats to Hawaiian ecosystems for statewide use in cooperation with various Federal and State agencies and NGOs; research and write recovery plans for federally-listed endangered Hawaiian plants; field data collection, including photography; collect global positioning system (GPS) data collection and integration into AutoCAD applications; assist with *ad hoc* research projects (alien weed control, etc.) as needed; microcomputer system installation, training (formal courses and *ad hoc*), and troubleshooting (software and hardware) for Park and other personnel; design and set up data management systems as needed.

Assistant Manager (Information Systems) January, 1991 - December, 1991
Scotts Holdings Limited, #05-00 Thongsia Building, 30 Bideford Road, Singapore 0922

Duties: Responsible for IS needs of retail operations, hospitality, fast food, and food and beverage divisions (Cost Plus, Scotts-Weitnauer duty-free [Changi Airport and Singapore Cruise Centre], The Ascott, Palm Court; A&W Restaurants; Mövenpick Restaurants); oversee design and development of computer systems for serviced apartments and fast food operations. System implementation. PC/POS interfacing. Involved in selection of DBMS (Oracle) and planning for corporate-wide networking for resource and information sharing.

Supervisory experience: Moved into position responsible for six personnel, including IS assistant, senior system administrator, computer operators.

Software Support December 1988 - June 1989
Digital Advanced Systems, 5701 Westpark Drive, Suite 100, Charlotte, North Carolina

Duties: Troubleshooting and application programming for clients and in-house for this DEC OEM and MCBA reseller. Responsible for VMS, RSTS/E, and XENIX support and installation. Programming in DIBOL and COBOL for MCBA manufacturing and accounting applications. Conducted training sessions for VAX WordPerfect and SATURN word processors. Design projects included integration of customer order processing and purchase order system.

Computer Systems Manager February, 1985 - December 1988
Peppertree Resorts, Ltd., P.O. Box 6319, Asheville, North Carolina

Duties: Responsible for all aspects of Peppertree's 73-terminal VMS-based MicroVAX 3600 and peripherals, and system upgrade research and implementation (selection and conversion). Hardware and software troubleshooting. Have overseen relocation of entire computer system (49-terminal PDP 11/44 prior to MicroVAX). Interact with other division managers to coordinate ideas and solve problems. Remote communications (point-to-point and multipoint networks; total of twelve interstate remote locations). Design and implementation of applications software and

techniques (using high-level programming languages, word processing/database systems, and spreadsheets). Oversee daily computer operations. Hardware, software, and application analysis. User training. Electronic funds transfer (ACH) processing. Security administration. Chairperson of company-wide policy committee.

Supervisory experience: Responsible for one day-shift assistant and one night operations person, in addition to various part-time programmers and data entry personnel.

IN-SCHOOL EXPERIENCE

Graduate Assistant (Computer Specialist) August, 1989 - December, 1990
East Tennessee State University, Graduate Administrative Offices, P.O. Box 24100A, Johnson City, Tennessee

Duties: Implementation and training of office software (word processing, spreadsheet, database); hardware and software support; general office duties.

Administrative Programmer; Computer Lab Manager January 1983 - February 1985
Mars Hill College, Mars Hill, North Carolina

Duties: On WANG VS-80, designed and wrote student security system and user interface for MHC (COBOL and WANG PROCEDURE languages). Designed a billing system. Designed and wrote student master file update program. Designed and wrote other miscellaneous administrative programs (RPGII, COBOL). Assist students with COBOL assignments. Design and create test data for all computer classes. Supervise evening operations of WANG VS-80 and several Apple][microcomputers.

Peripheral Equipment Operator May 1982 - November 1982
U.S. Department of Commerce, National Climatic Center, Federal Building, Asheville, North Carolina
Level: GS3

Duties: Batch processing operations (UNIVAC 1100). Peripherals maintenance. Backup operations. Tape certification.

CONTINUING EDUCATION

Getting Started in ObjectPAL (September 1993). Softbite International (an introduction to ObjectPAL, an object-oriented programming language for use with Borland's Paradox for Windows database management system).

Ornamental Plants (August 1993). Maui Community College.

VMS Utilities and Commands (May 1988). Digital Equipment Corporation, Rock Hill, S.C.

VAX/VMS System Management (May 1988). Digital Equipment Corporation, Washington, D.C.

SCUBA: PADI Divemaster, Rescue Diver, Medic/FirstAid, Advanced Open Water, Open Water; 150+ dives logged worldwide.

First Responder/CPR (October 1992; refresher April 1994), Kapiolani Community College, Hawaii.

Natural History of Hawaii (January-February, 1993), Maui Community College, Hawaii.

Docent (hike leader) training (January-February, 1993), The Nature Conservancy of Hawaii.

American Sign Language (beginning & intermediate), Department of Education, State of Hawaii.

COMPUTER EXPERIENCE

SYSTEMS: VAX* (DEC), PDP* (DEC), IBM System/36 & /38, WANG VS-80*, PCs* (IBM, Macintosh, other Apples, DEC Rainbow, etc.)
(*includes system administration functions)

OPERATING SYSTEMS: VMS*, RSTS/E*, (DCL*), JCL, XENIX*, MSDOS*, CP/M*
(*includes system administration functions)

LANGUAGES: (DCL), DBASE/FOXPRO/CLIPPER, COBOL, DIBOL/DBL, BASIC, PASCAL, FORTRAN

APPLICATION PACKAGES: WordPerfect, MS-Word (for Windows), Lotus 123, Excel, Autocad, Dbase, FoxPro, DataPerfect, Paradox, Windows, WPOffice/Shell, PlanPerfect, DrawPerfect, Harvard Graphics, Pagemaker, HP Paint, WordScan, ScanGal

PERSONAL ATTRIBUTES & SKILLS

Verbal and written communication skills	Dedication
Motivated by challenge	Creativity
Management and supervisory skills	Flexibility

OTHER SKILLS & INTERESTS

Photography	Carnivorous plants
Teaching	Music (guitar, etc.)
Hiking	Scuba diving