

Alan R. Corey
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Employment History

University of Massachusetts

Office of the University Registrar
209 Whitmore Administration Building
181 Presidents Drive
Amherst, MA 01003-9313

Computing and Network Specialist
6/5/2000 - 9/31/2009

Network Administrator, Webmaster, Postmaster. Purchased and maintained 30+ office computers, user accounts, file and mail servers. Windows NT4, 2000, XP and Server 2003, OpenBSD operating systems. Was active in the conversion to PeopleSoft. Wrote programs for automated data entry with Rational Robot, Java, Mercury Quicktime, CGI programming in Perl and C, many utilities in Borland Delphi. Wrote programs for putting repetitive data (Deans List, Final Exam schedule, etc.) on the web. Implemented and maintained a very successful stateful firewall with pf under OpenBSD. Supervised 1-2 grad student assistants.

Greenfield Community College

One College Drive
Greenfield, MA 01301

Tutor of programming languages / Lab Consultant
2/1993 - 6/2000

Responsible for tutoring Pascal, C, FORTRAN, BASIC and Astronomy while a part-time student myself. Staffed Downtown computer lab 5+ semesters under contracts. One-on-one tutoring in the Learning Center. Have excelled in programming courses in Pascal, C, GWBASIC, Fortran, MS Access, Novell networking. Unix and Internet experience beginning Spring '95. Comfortable with popular software packages: WordPerfect, Microsoft Word, PageMaker, MathCAD, Excel, Photoshop, etc. Occasional data recovery, virus detection & removal, small repairs and software installation.

Amherst College

Department of Chemistry
Amherst, MA 01002

Electronic and Mechanical Technician
6/1980 - 6/1990

Maintenance, design, construction and repair of instrumentation used for research and teaching undergraduate courses. Computer assembly, purchasing, programming, interfacing and connection to campus-wide networks. MS-DOS (PC/AT), Apple II, and VAX (VMS) experience. Handled all aspects of creating some instruments from the machine shop fabrication of same to their optimization for use in courses such as Physical Chemistry. Instrumentation primarily for spectroscopy in various forms: visible, UV and IR spectrophotometers, nuclear magnetic resonance, and stopped-flow spectrometers all of which are interfaced to computers.

Fairbrother Radio Service

29 Alden Street
Greenfield, MA 01301

Commercial two-way radio installation and repair
11/1976 - 8/1978

Police, fire, ambulance, school bus, taxi and other radio work. Mobile, base stations and repeaters. Outfitted entire cruisers including siren, light bar and PA systems. Supervised crew of three. 30 - 960 MHZ bands.

Del Padre's

999 Worthington Street
Springfield, MA 01109

Stereo and television repair
10/1975 - 6/1976

Repaired and tested stereo receivers, speakers, amplifiers, tape decks, turntables. Lowest recall rate of any technician there.

Radio Shack (Greenfield)

21 Mohawk Trail
Greenfield, MA 01301

Warranty and non-warranty repair
5/1974 - 8/1975

Repair of Radio Shack and other products sold by the store, car stereo installations.

Charlemont TV

High Street
Charlemont, MA 01339

Learned basics: TV & stereo repair, CATV, antennas
6/1969 - 3/1974

First job at age 14. Tested tubes, did antenna work, responsible for most bench repairs by age 18. Local Zenith dealership.

Education

Greenfield Community College 1 College Drive, Greenfield, MA 01301
Associate of Arts, 1996 (Math/Science Option)
Mohawk Trail Regional High School Route 112, Buckland, MA 01338
Graduated 1972 Extracurricular: Chess Club, Yearbook Photographer

Self - Taught

80x86 assembly language, HTML, Visual Basic, Borland's Delphi, SQL, JavaScript, Java, Latex, Perl, C <-> PostgreSQL interface, NEC antenna modelling software, Splat RF propagation simulator

Operating Systems

OpenBSD, Debian Linux, Windows up to Vista, FreeBSD

Hobbies/Extracurricular

Amateur (Ham) Radio Extra class AB1JX
movie collecting

Personal Website

<http://abljx.webs.com>