

Robert D. Archard
51 Potter St.
Patchogue, NY 11772-4164
(631) 447-5992

OBJECTIVE: To secure a position as a computer software programmer/analyst that will give me an opportunity to gain experience and to advance.

EDUCATION: SUNY at Albany, Albany, New York
MAJOR: Computer Science MINOR: Electronics
DEGREE: BS Computer Science, 12/87 (3.51 GPA)

COMPUTER

LANGUAGES: PICK DATA/BASIC (R83 & R91), Microsoft Visual C++, ANSI C (ala HPUX), Bourne Shell, PROGRESS 8.3x

OPERATING

SYSTEMS: DOS v2.11-6.22, Windows (95, 98, ME, NT, 2000, XP), PICK (ADDS MENTOR & GA mvBASE), UNIX (HPUX 9, 10 & 11)

DATABASES: PICK, PROGRESS 8.3x & 9.1x, ORACLE 7, INGRES

WORK EXPERIENCE:

BOUNDLESS TECHNOLOGIES, Hauppauge, NY

SENIOR-PRINCIPLE COMPUTER PROGRAMMER/ANALYST

2/88 - Present (full time)

- ◆ Our company recently completed the installation of an ERP system (2000) using QAD's MFG/Pro 9.0, running on Progress 8.3B. I enhanced and successfully completed 2 API's linking this system to the manufacturing and engineering systems. Other programming tasks include writing reports and enhancing the data collection capabilities. I also perform all DBA functions.
- ◆ Enhanced automated electronic Sales Order receipt system, proprietary EDI, by migrating to a new data structure and communications interface system.
- ◆ Made numerous enhancements to the MRP, ATP and Sales Order entry system.
- ◆ Co-developed a new PDM engineering system based on the SDRC (Sherpa) PIMS/DMS/EDM applications, written in ANSI C, running on UNIX (HPUX). It's the largest single software investment to date (1994) of its kind in the history of my company. I have been the sole resource for ongoing support of this system since a year after it was turned on.
- ◆ Developed an automated suite of utilities for Intermecc bar code label printers used in manufacturing. I received a corporate award for reducing downtime from hours/days to minutes and development time by 80 percent. Later, I ported all applications over to Zebra printers.
- ◆ Primary developer of the current in-house manufacturing system (1990), for which I received two corporate awards (1992). It controls process/product flow while collecting yield, failure, etc. data, performs unit tests, and generates product labels. I have been the sole resource for ongoing enhancements to this system since 1995.
- ◆ Independently, I developed a full screen editor (1989-2000), which utilizes more of the features of today's computer display terminals and is more robust than editors available on the MENTOR PICK systems,

with which I work. I also developed a suite of utilities to compensate for O/S inadequacies. These tools greatly improved my productivity, and have been used by some of my colleagues.

- ◆ Independently, assisted software developers during test cycles of the company's MENTOR PICK computer operating system and display (dumb) terminal firmware.
- ◆ Sole programmer of the first in-house Quality Information System.
- ◆ Pioneered a semi-automated (software) test suite for computer display terminals (1988). The test suite was a required check prior to releasing any new terminal software. A new test group was established as a result of my accomplishments. The test suite is still applicable for some of our current products and is still used today.
- ◆ For 6 years, I was in charge of acquisition/maintenance/upgrade of all departmental computing hardware (PC's, Mini's, terminals, printers, ...) and software (applications, O/S's, ...).

HAZELTINE CORPORATION, Greenlawn, NY

ENGINEERING AIDE 6/84 - 8/84 and 5/87 - 9/87 (full time)

- ◆ Set up test programs for bare printed circuit boards on a Fluke 3200A tester.
- ◆ Helped to develop software for various military electronic systems, including the Packet Radio for the U.S. Army.

LAWRENCE AVIATION INDUSTRIES, INC., Port Jefferson Station, NY

COMPUTER PROGRAMMER/OPERATOR 1/85 - 9/85 and 6/86 - 8/86 (full time)

- ◆ Pioneered the automation of many manual office processes/functions using a newly installed multi-user computer system. I returned a second time to the same office, to enhance that system.
- ◆ Helped install a new PICK based multi-user (Alpha Micro) computer system.
- ◆ Performed production control and office functions in a titanium Rolling Mill.

TRAINING:

- ADDS Mentor Operating System (MENTOR 100)
- ADDS Mentor Data/Basic Programming (MENTOR 200)
- AT&T UNIX System V.4 - UNIX for Programmers (UC1080)
- AT&T C Programming (UC1001)
- AT&T UNIX System V.4 - System Calls & Libraries (1058)
- AT&T UNIX System V.4 - System Calls & Libraries Part 2 (1059)
- Sherpa DMS Fundamentals, HLI, & PIMS Application
- Introduction to Visual Basic (using VB4)
- Introduction to QAD's MFG/Pro (1 & 2)
- Progress for Programmers (Character Programming)
- Progress for Programmers (GUI Programming)