

JOHN HILLIAR

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OBJECTIVE

General resume.

EXPERIENCE

HITACHI, HITACHI DATA SYTEMS: Waltham, MA

Specialist, Software Development Engineer July 2009 – Present

HCAP (Hitachi Content Archival Platform) product engineer.

EMC CORPORATION, CELERRA SOFTWARE DEVELOPMENT: Hopkinton, MA

Principal Software Design Engineer May 2008 – July 2009

D.A.R.T. embedded file server operating system.

EMC CORPORATION, CENTERA RESEARCH AND ADVANCED DEVELOPMENT: Hopkinton, MA

Principal Software Design Engineer January 2005 – May 2008

Prototyped and implemented a re-architecture of the CAS product line.

EMC CORPORATION, CELERRA SOFTWARE DEVELOPMENT: Hopkinton, MA

Senior Software Design Engineer June 1999 – January 2005

Design and development of embedded network available storage operating system on a clustered file server and Linux system management software.

NORTHEASTERN UNIVERSITY, ENGINEERING TECHNOLOGY PROGRAM, ENGINEERING SCHOOL: BOSTON, MA

Part-time Faculty Member, March 2001 - Present

Teach C++ and Unix courses in technology program (see www.hilliar.com).

NORTHEASTERN UNIVERSITY, MASTERS OF TECHNICAL AND PROFESSIONAL WRITING PROGRAM, ENGLISH DEPT.: BOSTON, MA

Part-time Faculty Member, January 2000 - Present

Teach C and C++ courses in graduate program (see www.hilliar.com).

LANDLORD, CONDOMINIUM

Landlord of property, June 2001 - Present

Manage condo-association and landlord of an individual property.

ACE*COMM, NET*COMM DIVISION: Gaithersburg, MD

Systems Engineering June 1997 - August 1997

First assignment was to write a standard C library of functions to be used for application development. Second assignment was to develop a daemon task (written in C running in QNX) to be integrated into ACE*COMM's ANMS (Automated Network Management System) to handle processing and forwarding of old and new alarm data packet formats from ACE*COMM's DCMS (Data Collection Management System).

PHILIPS ELECTRONICS, COMMUNICATION AND SECURITY SYSTEMS: Lancaster, PA

New Product Development May 1996 - August 1996

Started in Alpha testing of a developing product used for JPEG image transmission of security images via modem. Once familiar with the product, personally responsible for developing the software (written in MS TestBasic running in Windows) used to facilitate automated testing using RS-232 port and modem (300% more efficient than hand testing).

DELPHI HARRISON THERMAL SYSTEMS(GENERAL MOTORS): Lockport, NY

Controls Engineering August 1995 - October 1995

Reprogrammed AutoCAD 12 menus to allow engineers to remove tablet and cross hairs and work exclusively with the mouse. Also bench-marked Promise-E for possible use by Delphi Engineers.

Overseas Manufacturing Engineering November 1995 - January 1996

Designed plant layout for Rio Bravo Plant: produced layouts of plant in AutoCAD, assisted with part and machine orders, traveled to Juarez, Mexico for layout review with Plant Manager.

EDUCATION

BABSON COLLEGE

M.B.A., Expected June 2010

NORTHEASTERN UNIVERSITY

M.S. Computer Engineering, June 1999

Research assistant working on head mounted optical displays, image quality software, and multithreaded image acquisition software.

LEHIGH UNIVERSITY

B.S. Computer Engineering, June 1997

SKILLS

C, C++, Eiffel, UNIX utilities (awk, sed, make, gdb, perl, shell scripts, emacs, CVS), Assembly, Visual Basic, Fortran, Pascal