

**Resume  
of  
James Leon Young (Pinson)**

---

I bring a diverse toolbox of skills, analytical ability, research, and innovative approaches to the workplace. Proficiencies include, but are not limited to:

Linux/UNIX System administration, System Programming, Database Administration (SQL Server and Oracle), data management, ETL, and technical writing.

In my various positions I have written programs using Perl, Python, Java, C, shell scripts, T-SQL, and Ruby.

---

**Education  
and  
Training**

BS degree in Marine Biology, Auburn University.

Two years Army ROTC, Auburn University.

Novell Certified Netware Engineer (CNE)

Oracle Certified Professional DBA 8i, 9i

FCC Amateur Radio License - N1HJ Extra Class (was KI4KPY)

PADI Divemaster

NACD Certified Cave Diver

FAA Certified Commercial Drone Pilot (Part 107)

---

**Publications**

Pinson, Jim 2005. See your files and descriptions with "list". (a Perl program) Sys Admin 14(4):36-38.

Pinson, Jim 1997. Vgen. (a JAVA web page generator) Sys Admin 6(12):23-36.

Pinson, James L. 1991. Designing Screen Interfaces in C. Prentice-Hall, Englewood Cliffs, New Jersey. 267 pp.

Pinson, James L. 1987. Pull-down menus in 'C'. BYTE 12(5):108-112.

---

**July 2006-  
July 2010**

**Senior Court Analyst  
Florida Supreme Court  
Office of the State Courts Administrator (OSCA)  
Tallahassee Florida**

- Developed a Uniform Data Reporting application based on Table Oriented Programming techniques where all source table information, ETL functions, and much of the program logic was stored in a single, self documenting database table.
- Created a new application logging system that stored application name, log category, event level and other information about scheduled jobs in a single database table. This allowed fast access to log events and had provisions for generating missing report notification.
- Developed applications to extract data from Excel spreadsheets and load into database

tables.

- Designed numerous reports for analysts using LaTeX for PDF generation, and Microsoft Access queries/reports.
  - Converted SAS scripts to use SAS SQL and macros for readability and portability.
  - Created Perl and Python scripts to automatically search existing log files for errors.
  - Developed and tested software in a VMWare virtual server.
- 

**October 1999 Consultant/Contractor  
(Ongoing)**

Work for Unisys, People Network, and my own company J & C Research has included:

- Senior UNIX System Administrator for UnixWare and Red Hat Linux servers supporting a 24x7 system that tracks children and other at-risk individuals served by Florida social services.
  - Improved system reliability and team responsiveness by developing custom C, Java, Perl and Ruby programs to:
    - Monitor Weblogic processes and report problems to Operations Command Center.
    - Create GUI application to allow Operations to monitor and restart HomeSafeNet servers.
    - Monitor Oracle databases to report problems to Operations.
    - Monitor Microsoft SQL server connections to backend servers, to troubleshoot connectivity issues.
    - Send alerts to Unisys Single Point Operations console.
    - Send problem alerts to pagers of support personnel.
  - Tested new server configurations and upgrades on Vmware virtual servers.
- 

**July 1998-  
September  
1999**      **Systems Analyst  
Department of Management Services  
Tallahassee Florida**

- Created online documentation systems, searchable knowledge bases, and other tools to support the COPES system.
  - Developed Web interface for problem tracking system running on Oracle server.
  - Developed web interface to the FSAG student loan database used by Florida DOE.
- 

**May 1997-  
July 1998**      **Systems Programmer III (January 1998- July 1998)  
Systems Programmer II (May 1997- January 1998)  
Agency for Health Care Administration  
Tallahassee Florida**

- UNIX system administrator, managed several SUN computers, including a SUN 6000 with 14 CPU's and 2GB RAM

- Installed and managed the Cisco DNS, and wrote shell and Perl scripts to process data files.
  - Developed Java X-windows front-ends for print queue management and for tape load scripts.
  - Supervised one data center technician.
- 

**June 1992**  
**Feb. 1996**      **System Network Administrator**  
**Charles Darwin Research Station,**  
**Galapagos Islands, Ecuador**

- Created the initial email system at Charles Darwin Research Station, using KA9Q NOS, Linux and FreeBSD servers connected to internet via spread-spectrum radio-modems supplied by a grant from U.S. National Science Foundation and Banco del Pacifico-Ecuador. Maintained the system via internet from the U.S., 1996-1998.
- Designed and implemented the Station's Ethernet network.
- Designed and set up the Station's first Web page, which was selected as a valuable Internet resource for Discovery Channel School's H2Oceans theme, Spring 1997.
- Developed software to parse accounting and scientific data for conversion to database format.

Additional duties at the Station:

- Collected meteorological data.
  - Assisted scientists as research diver, compressor operator, and divemaster.
  - Filmed important visitors and events.
  - Advised on electrical and battery backup systems, computer purchases, and refit of research boat.
- 

**April 1990 -**  
**June 1992**      **Network Specialist**  
**University Computing and Network Services (UCNS)**  
**University of Georgia**

- Served as the campus-wide CNE (Certified Novell Engineer) and assisted network managers with installing and managing their Novell networks.
  - Helped network managers in solving hardware/software problems.
  - Wrote instructional material for in-house seminars.
  - Trained and assisted users in the operation of TCP/IP applications such as Telnet and FTP. Wrote TN3270 installation programs and documentation.
  - Installed and evaluated new Novell and TCP/IP products such as e-mail packages, LPD and SMTP gateways.
  - Listserv manager for the UGA Novell Users discussion group.
- 

**Sep. 1988-**      Self Employed

**March 1990**

Work on my book "Designing Screen Interfaces in C" for Yourdon Press/Prentice-Hall, and various programming projects. Consulting.

---

**October 1986- Network Manager**

**Sep. 1988 College of Business Administration Computer Center (CBACC)  
University of Georgia.**

- Installed, configured, and supported the CBACC Token Ring network.
  - Customized and installed network software. Wrote dBASE and 'C' language applications for CBACC.
  - Assisted faculty with microcomputer hardware/software problems.
  - Evaluated new microcomputer products and software. Wrote computer information guides.
- 

**October 1985- Head of Operation Support**

**October 1986 College of Business Administration Computer Center (CBACC)  
University of Georgia**

- Provided hardware and applications software support for the CBACC.
  - Managed computer labs with 40 IBM PC's, printers and modems, IBM PagePrinter, IBM Color Plotter, Polaroid Palette; 2 AT&T 7300 Unix Minicomputers; RJE site (2 line printers, 12 terminals).
  - Supervised 20 student workers and 1 computer operator.
  - Author of "HELP-LINE" section of CBACC newsletter.
- 

**October 1984- Biological Technician**

**October 1985 Georgia Sea Grant Program  
University of Georgia**

- Designed, built and evaluated eel trap designs for Georgia Sea Grant program (funded for 1 year).
  - Field test of trap designs with follow up statistical analysis (S.A.S.).
  - Study of eel behavior in north Florida underwater caves, by direct observation and underwater video cameras.
  - Supervision of field workers
- 

**Biological Technician**

**Feb. 1977 Insects Affecting Man and Animals Research Lab  
October 1984 United States Department of Agriculture  
Gainesville, Florida**

- Developed testing techniques for evaluating insecticide residue effectiveness against various species of medically important insects.
  - Established and maintained a colony of chigger mites (*E. alfreddugesia*).
  - Field test insecticides against chigger mites and ticks using Koritz back pack at Camp Blanding and Camp LeJune.
  - Wind Tunnel testing of insecticides against mosquitoes, house flies, and sand flies.
  - F.E.M.A designated employee with emergency responsibilities.
- 

### **Curious Consulting Projects**

- Developed database management software and program protection schemes for radial keratotomy and interocular lens implant patient database, for Ophthalmic Prediction Software Inc., Gainesville Florida.
- Developed data base software to input data from Scantron Card reader to PC, for grading student tests; Biology Program, University of Georgia.
- Wrote 'C' language Data storage system and linked it with assembly language video scanner software for LAR (Leaf Area Removed) research project; Institute of Ecology/Dept. Of Entomology, University of Georgia.
- Created OTP-PC, a One Time Pad encryption system and released it under a concept I called "DonorWare, which asked users to send a donation to organizations like the Charles Darwin Research
- Created an interface between Pegasus Mail program and the KA9Q packet radio software. I called the interface "G-Mail" (Galapagos-Mail) since it was designed for the Charles Darwin Research Station.
- Created Bibliophile, a user friendly bibliographic data manager. Bibliophile was a shareware product.
- Created Dbase III program for Computerized library Checkout system. Integrated the program with barcode reader..

---

### **Contact:**

James Leon Young  
jim@jc-research.com