

**APPLIED RESEARCH LABORATORIES  
SKILLS INVENTORY, Part 1  
STUDENT JOB POSITIONS**

Rev. Oct. 00

**Check all skills which you could use immediately in a job requiring such skills. These skills must have been acquired through coursework, training, or experience**

*Please complete part 1 & 2 of this form.*

<b>DATA PROCESSING /PROGRAMMING</b>		<b>ENGINEERING:</b>
<b>PROGRAMMING LANGUAGES:</b> <input type="checkbox"/> ADA <input type="checkbox"/> C <input type="checkbox"/> C++ <input type="checkbox"/> FORTRAN <input type="checkbox"/> JAVA <input type="checkbox"/> PASCAL <input type="checkbox"/> Other:	<b>SOFTWARE PACKAGES:</b> <input type="checkbox"/> Comp. Aided Design (CAD) <input type="checkbox"/> LabView <input type="checkbox"/> Lab Windows <input type="checkbox"/> Matlab <input type="checkbox"/> Mathematica <input type="checkbox"/> Other:	<input type="checkbox"/> Circuit design <input type="checkbox"/> Dynamics <input type="checkbox"/> Electronics Packaging <input type="checkbox"/> Finite Element Modeling <input type="checkbox"/> Fluid Mechanics <input type="checkbox"/> Heat transfer/Thermodynamics <input type="checkbox"/> Materials Science <input type="checkbox"/> Mechanics (stress/strain) <input type="checkbox"/> Operations Research <input type="checkbox"/> Other:
<b>SCRIPTING LANGUAGES:</b> <input type="checkbox"/> PERL <input type="checkbox"/> Tcl <input type="checkbox"/> Python <input type="checkbox"/> Other:	<b>OPERATING SYSTEMS programmed on:</b> <input type="checkbox"/> Macintosh <input type="checkbox"/> UNIX <input type="checkbox"/> Windows <input type="checkbox"/> Other:	<b>OFFICE AUTOMATION:</b> <input type="checkbox"/> Access <input type="checkbox"/> Drawing Prog: (Canvas,MacDraw, etc) <input type="checkbox"/> Excel <input type="checkbox"/> Filemaker Pro <input type="checkbox"/> Framemaker Tex or La Tex <input type="checkbox"/> Lotus 1-2-3 <input type="checkbox"/> Microsoft Word <input type="checkbox"/> Netscape <input type="checkbox"/> Pagemaker <input type="checkbox"/> Personal computer graphics or drafting software. <input type="checkbox"/> Powerpoint <input type="checkbox"/> Spreadsheet software specify: _____ <input type="checkbox"/> WordPerfect <input type="checkbox"/> Other equipment or software:
<b>USER INTERFACE LIBRARIES:</b> <input type="checkbox"/> X11/MOTIF <input type="checkbox"/> Java/Swing <input type="checkbox"/> MFC <input type="checkbox"/> Tcl/Tk <input type="checkbox"/> Other:	<b>OPERATING SYSTEMS familiar with:</b> <input type="checkbox"/> Macintosh <input type="checkbox"/> UNIX <input type="checkbox"/> Windows <input type="checkbox"/> Other:	
<b>PARALLEL PROGRAMMING LIBRARIES:</b> <input type="checkbox"/> MPI (Message passing Interface) <input type="checkbox"/> PVM (Parallel Virtual Machine) <input type="checkbox"/> Other:	<b>WEB (familiar with):</b> <input type="checkbox"/> HTML <input type="checkbox"/> SGML/XML <input type="checkbox"/> Javascript <input type="checkbox"/> Servlets, Java Server pgs. <input type="checkbox"/> Other:	
<b>GRAPHICS/VISUALIZATION LIBRARIES:</b> <input type="checkbox"/> IDL (Interactive Data language) <input type="checkbox"/> OpenGL <input type="checkbox"/> Java3D <input type="checkbox"/> Other:	<b>Miscellaneous:</b> <input type="checkbox"/> Data acquisition hardware installation/prog <input type="checkbox"/> Network installation <input type="checkbox"/> Network /system administration <input type="checkbox"/> Software revision control software <input type="checkbox"/> Software testing & validation <input type="checkbox"/> Technical writing <input type="checkbox"/> Other:	<b>WRITING /EDITING:</b> <input type="checkbox"/> Publication record (please attach) <input type="checkbox"/> Technical/engineering or scientific <input type="checkbox"/> Writing or editing informational <input type="checkbox"/> materials for publication <input type="checkbox"/> Writing or editing comp. systems doc.
<b>DATABASE LANGUAGES &amp; LIBRARIES:</b> <input type="checkbox"/> SQL <input type="checkbox"/> ODBC <input type="checkbox"/> JDBC <input type="checkbox"/> Object Oriented DBs: _____ <input type="checkbox"/> Other:	<b>ELECTRONICS:</b> <input type="checkbox"/> Analog electronics <input type="checkbox"/> Digital electronics <input type="checkbox"/> General electronics <input type="checkbox"/> Laboratory test Equip./Use of <input type="checkbox"/> Manual Soldering	<b>DRAFTING:</b> <input type="checkbox"/> Please specify: _____
<b>COMMUNICATIONS LIBRARIES:</b> <input type="checkbox"/> CORBA (Common Object Request Broker Arch) <input type="checkbox"/> Java RMI (Remote Method Invocation) <input type="checkbox"/> RPC (Remote Procedure Call) <input type="checkbox"/> Other:		

I certify that the above information is correct. I understand that any false statements made herein will void my Application and any actions based on it.

SIGNATURE OF APPLICANT \_\_\_\_\_, DATE \_\_\_\_\_

*Continue with part 2 of this form.*

Skills Inventory, Part 2

**PLEASE COMPLETE THE FOLLOWING INFORMATION:**

NAME: \_\_\_\_\_

UT EID: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

Preferable days/times available for interviews: \_\_\_\_\_

\_\_\_\_\_

In the space provided below, please give three work/school related references, and as much of the following information that you can:

1.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_, E-Mail Address: \_\_\_\_\_

2.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_, E-Mail Address: \_\_\_\_\_

3.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_, E-Mail Address: \_\_\_\_\_

**I hereby give ARL:UT HR Services Office permission to access my UT Austin transcript and release information pertaining to my transcript to an interviewer as part of ARL's interview process.**

Signed: \_\_\_\_\_, Date: \_\_\_\_\_

Mail the application for employment and this completed form to: **Applied Research Laboratories  
Attn: HR Services Office  
The University of Texas at Austin  
P.O. Box 8029  
Austin, TX 78713-8029**