

Software Engineering Background Survey

CSE470 (Fall 2001)

(Due by 4:00 p.m. on August 31, 2001 in CSE Main Office: 3115 EB)

Please answer the following questions. This information will be used in dividing the class into groups for the projects in order that teams are as balanced as possible. Please answer all questions honestly. Your answers to these questions will not affect your grade in this class.

1. Name, email address, lab section.
2. What is your major (e.g., CSE, EE, CE)?
3. What year are you and how many credits (approximately) have you earned thus far?
4. What is your overall GPA?
5. What is your major GPA?
6. What classes are you taking this semester? (Indicate which ones are project courses.)
7. Are you working this semester? If so, how many hours (on average) are you working?
8. How many hours do you think this course will require per week? Are you willing to commit those hours?
9. Have you taken the following courses or have comparable background from other courses?
 - (a) Algorithms and Data Structures (CSE331)
 - (b) Foundations of Computing (CSE460)
 - (c) Architecture (CSE420)
 - (d) Computer Communication (CSE422)
 - (e) Operating Systems (CSE410)
 - (f) Numerical and Symbolic computation (CSE441)
 - (g) Programming Languages (CSE450, CSE452)
 - (h) Discrete Structures and Theoretical Foundations, including FSAs (CSE260)
 - (i) Graphics (CSE472)
 - (j) Databases (CSE480)
10. List the programming languages in which you are proficient (that is, have written several large programs of at least 1000 lines of code).

11. List the programming languages that are you somewhat familiar with (i.e., have studied or written at least one program using)?
12. List the document preparation tools (MS Word, LaTeX, etc.) that you have used. Indicate the extent of your knowledge of these tools.
13. Have you ever built a graphical user interface? If so, what language did you use and what types of graphical elements did you build?
14. Describe your web-related experience. Have you experience using web-related software (HTML, cgi scripts, etc.)? If so, to what extent?
15. Have you ever worked in a group of two or more on a software project? If so, briefly describe the scope of the project.
16. Have you ever written a technical paper of length at least 25 pages?
17. Do you have industry experience (e.g. co-op, internships, full-time position)? If so, where and what did you do?
18. What do you want to gain from this course?
19. What are your tentative plans after graduation?
20. Are you a morning or evening person?
21. Do you think you work better alone or with a group?
22. Special expertise (indicate which areas and to what degree you have experience):
 - Parsing experience based on grammars (compilers)
 - Databases (SQL basics)
 - Low level graphics (library, widget level)
 - Technical support or consulting (industry)
 - Rapid prototyping utilities or scripting (e.g., Perl, Tcl/Tk, Java)
 - Project management (configuration management)
 - Network protocols
23. List the platforms and the corresponding operating and windowing systems that you have used (indicate level of proficiency).
24. Give the names of the students currently in the class who you know previous to taking this course. Please describe briefly how you know the students (e.g., class together, roommate, etc.).