

CSE608: Advanced Computer Security, Fall 2008; Scott D. Stoller

Name: _____ Email address: _____
Status (e.g., 1st year M.S., 3rd year Ph.D.): _____
Do you plan to enroll in this course? _____

List courses you took, and where you took them, on compilers, databases, distributed systems, networks, operating systems, programming languages, and security.

How familiar are you with the following topics? Rate them on this scale:

1: little or no knowledge

2: basic knowledge (e.g., read a chapter about it, or used it in an assignment)

3: advanced/expert knowledge (e.g., read a book on it, or used it extensively in a project)

___ access control basics: access control lists, capabilities, revocation lists

___ authentication: one-time passwords, Needham-Schroeder protocol, Kerberos

___ cryptography: secret-key crypto, public-key crypto, digital signatures

___ databases: relational algebra, SQL, transaction processing

___ database security: RBAC commands in SQL, multi-level databases

___ information flow: multi-level security (MLS), non-interference, etc.

___ logic programming: Datalog, Prolog, etc.

___ malware: viruses, trojan horses, etc.

___ network security: firewalls, etc.

___ parsing (with lex+yacc, flex+bison, JavaCC, or any other parser generator)

___ role-based access control (RBAC)

___ trust management: distributed access control, delegation

How familiar/proficient are you with the following technologies?

1 = little or no knowledge; 2 = basic knowledge/proficiency; 3 = expert

___ UNIX ___ SQL ___ JDBC ___ ODBC ___ SSH/SSL

___ Java ___ C/C++ ___ C# ___ Python ___ X.509

What are your educational and career goals for the next 5 years?

(e.g., expected degrees, desired kind of work, desired kind of company)

Briefly describe any other experience that might be relevant to this course.
(Write on the back of this paper if necessary.)