

**Software Engineering, ESOF 322, Fall 2019
Survey, Aug. 26**

Name _____

CS

SE

DS

Briefly describe the field of software engineering?

Software development similar to engineering where the development occurs on time, within budget, and of a specified quality.

Briefly describe what is meant by web services?

Tools that allow users to interact with software over the Internet.

Generic – service offered by an electronic device to another electronic devices communicating with each other via the WWW

Specific – Web service implemented in a particular technology or brand. For example W3C Web Services

W3C Web Services: Standardized way of integrating Web-based applications using the XML, SOAP, WSDL and UDDI open standards over an Internet Protocol.

XML – data format used for data and meta data

SOAP – used to transfer data

WSDL – used for describing the services available

UDDI – lists services available

If you have heard of REST, what is it? Briefly describe any experience that you have with it.

REST, Representational State Transfer, architectural style that defines a set of constraints to be used for creating web services.

The CS Department uses assessment software called AbOut. Have you heard of it, and if so, what have you heard?

Software used by faculty members who teach required CS and SE classes to assess how well their classes met student outcomes.

How experienced are you with GitHub or GitLab?

What is the sector of your ideal job (game development, energy systems, telecommunications, etc.)

What are characteristics of your ideal job?