

Assignment 01 – Due on 09/04/18, 1.00pm

Question 1

What are some of the limitations of using an analogy of building architectures towards software systems development?

Question 2

What are architectural styles? Provide any two examples of 'architectural styles' that characterize building architectures. What 'requirements' do they meet?

Question 3

List any two differences between the traditional waterfall, agile, and spiral software development models.

Question 4

Why is software architecture defined as "broad and shallow" while software design is defined as "narrow and deep"?

Question 5

Describe how an architecture serves as a basis for analysis. What about decision-making? What kinds of decision-making does an architecture empower? (Problem 4, page 23 from the textbook)

Question 6

Search three different job websites for "Software Architect". Include a summary or actual job description (if short enough) for each job. What qualifications are listed for the job? If salary is included, what is the listed salary?