

Pre-questionnaire

1. Please indicate the title(s) and degree(s) of your education (e.g., BS in computer science, MS in management).
2. Please indicate the roles that you have worked during your professional career. (e.g., developer XX months/years, tester YY months/years, etc.).

Please indicate the programming languages you have used (including your education), and the number of years of experience with each one:

Programming language	Years(Education)	Years(Professional career)

1. How would you rate your experience with programming?

No experience (<2 years) Novice(2- <=5 years) Intermediate (5-<=10 years) Expert (>10 years)

2. Which development methodologies have you used so far? (e.g., waterfall, iterative, spiral, agile. If you choose agile, please indicate the type (scrum, tdd, xp, etc.). Include the methodologies you used in academia as well. Indicate the number of years of experience with each one.

Methodology	Years(Education)	Years(Professional career)

3. How would you rate your experience in unit testing?

No experience (<2 years) Novice(2-<=5 years) Intermediate (5-<=10 years) Expert (>10 years)

4. Are you currently using a tool for unit testing (for executing, monitoring)? If yes, please write the names of the tools.

5. What IDE (Integrated Development Environment) do you currently use?

6. How would you rate your experience in Java?

No experience (<2 years) Novice(2-<=5 years) Intermediate (5-<=10 years) Expert (>10 years)

7. How would you rate your experience with Junit testing framework?

No experience (<2 years) Novice(2-<=5 years) Intermediate (5-<=10 years) Expert (>10 years)

8. Have you ever used TDD as a development methodology? Yes/No

9. If “Yes” above, how would you rate your experience with TDD?

No experience (<2 years) Novice(2-<=5 years) Intermediate (5-<=10 years) Expert (>10 years)

10. Please indicate the certification(s) you have received during your professional career. (e.g., SEI certification as Personal Software Process (PSP) developer, CMMI certification, or ITIL certification)

as application engineer)

11. Have you ever attended any training on testing, or more specifically unit testing? If yes, please briefly explain its content.

12. Have you ever attended any training on TDD? Yes/No

13. If “Yes” please briefly explain with regard to the following questions:

- What was taught during the training?
- How long did the training take? (in days or hours if possible)
- When did you take the training?
- Did you take the training at your current occupation?
- Are you still practicing TDD? Why?

14. Have you ever involved into TDD pilot studies in the industry?
Yes/No

15. If “Yes” above, please share the results you got from the pilot study, and your opinion on its effectiveness.