

Self-ethnography study

Aim of the study:

To understand how software developers acquire new technical skills eg: learn a new framework or programming language

Objectives:

- Understand the current tools / resources software developers are currently using.
- Find out what features can further improve this learning process

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Participant Background:

A second-year student currently enrolled in University of London Bsc Computer Science.

Question:

1. Take a few moments and think about your learning journey, what tools/resources have you used
 - Youtube
 - Textbooks and recommended reading from lectures
 - W3schools
 - Google
2. How those tools/resources supported your learning
 - On Youtube, I can learn step by step through video. When I encounter difficulties, I can pause/playback the video to think. You can also easily select which videos are approved by everyone.
 - Without asking for help. When all the methods fail to solve my problem, I will use recommended textbooks to reconstruct my concept of this part.
 - When I forget some programming commands, I will go to W3schools to find the corresponding introduction. It is a collection of many programming languages and frameworks.
 - When something goes wrong, I will record the error code and google it. Because if a similar problem has ever occurred, it can be searched out on Google. I can get answers quickly.
3. What features/function can be added to those resources/tools to further enhance and improve your learning

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- More examples. When introducing how to use certain commands, I can more easily use related commands in different scenarios if there are more examples.