

# Learning in Rapidly Changing Frameworks

This survey is about learning rapidly changing frameworks. This is part of graduate studies at the Georgia Institute of Technology as a class project and informal pilot study.

While your email address is requested, it will only be used for two reasons. We may reach out if you indicate that you wish to participate in an interview. Additionally, once the research is complete, you will receive a copy of the study. If you do not wish for either of these, please enter an obviously fake address like "[no@thanks.com](mailto:no@thanks.com)".

\*Required

## 1. Email address \*

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## 2. What best describes your professional experience with software development? \*

*Mark only one oval.*

- ☐ I work as a developer
- ☐ I code for work sometimes
- ☐ I'm interested in coding, but I don't do it professionally
- ☐ I'm working towards a career that includes coding

## 3. Have you studied software development in a college or university course? \*

*Mark only one oval.*

- ☐ Yes
- ☐ No

## 4. How much experience do you have with JavaScript? Pick what best applies. \*

*Mark only one oval.*

- ☐ It's new to me
- ☐ I've used it some
- ☐ I've used it extensively
- ☐ I prefer to use JavaScript

## 5. How familiar are you with React Native? Pick what best applies. \*

*Mark only one oval.*

- ☐ I use it most days
- ☐ I've done a few projects with it
- ☐ I've worked on a single project in it
- ☐ I've looked at it, but not really worked with it
- ☐ I'm not familiar with it      *Stop filling out this form.*

## In the Past 3 Months on React Native

The following questions are asking about your activities in the past 3 months learning about React Native.

**6. What learning tools have you used? Check all that apply. \***

*Tick all that apply.*

- ☐ Stack Overflow
- ☐ Blog (e.g. Medium)
- ☐ Microblog (e.g. Twitter)
- ☐ Online course (including MOOCs)
- ☐ Book
- ☐ Discussion with peer
- ☐ Hackathon
- ☐ Professional workshop
- ☐ University or collegiate class
- ☐ Documentation
- ☐ Reference Implementation
- ☐ Other: \_\_\_\_\_

**7. What percentage of your time was spent learning? \***

*Only consider your work time; do not consider personal time  
Mark only one oval.*

- ☐ 5%
- ☐ 10%
- ☐ 20%
- ☐ 30%
- ☐ 50%
- ☐ 80%
- ☐ 100%

**8. Which tool did you find most helpful? \***

*Mark only one oval.*

- ☐ Stack Overflow
- ☐ Blog (e.g. Medium)
- ☐ Microblog (e.g. Twitter)
- ☐ Online course (including MOOCs)
- ☐ Book
- ☐ Discussion with peer
- ☐ Hackathon
- ☐ Professional workshop
- ☐ University or collegiate class
- ☐ Documentation
- ☐ Reference Implementation
- ☐ Other: \_\_\_\_\_

**Most Useful Tool**

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The following questions apply to your use of the tool that you find most helpful over the past 3 months.

**9. How soon after learning something did you use it? \***

*Mark only one oval.*

- ☐ I was already using it, but I learned more
- ☐ Immediately
- ☐ It was within a day or so
- ☐ Many days later
- ☐ I haven't used it yet

**10. Was it in response to a change in the framework or one of its dependencies? \***

*Mark only one oval.*

- ☐ Yes
- ☐ No

**11. Did you complete the full unit? \***

E.g. read the whole tutorial, watch the entire video lecture, complete all of the MOOC, review the entire thread

*Mark only one oval.*

- ☐ Yes
- ☐ No

**12. Did the learning satisfy your needs? \***

*Mark only one oval.*

	1	2	3	4	5	
Not at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Completely

**13. Would you be interested in participating in 15 minute interview survey? \***

*Mark only one oval.*

- ☐ Yes
- ☐ No

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