

# Educational Technology - Summer 2018

## **Survey Questions**

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## 1. General Questions

Please answer below questions?

Age:

Sex:

Country you live:

Your major:

Degree Level:

Country you received your degree:

The category:

- Student
- Professor/Teachers/University Staff
- Employer

## 2. STUDENTS

1. What are the current goals of studying computer science in undergraduate level? (Multi-select)

- Interested in this field.
- I used to do sort of programming since I was a child.
- Find a decent job.
- Make a lot of money.
- My friends and families encouraged me to study in this field.
- Today's technology and world is accepting/in the need of many software engineers
- Other, please specify: .....

2. In your opinion, what would be the ideal goal of studying computer science in undergraduate level?

- work on research projects
- get into industry very quickly
- receive a high income job
- learn about computer and its structure
- improve the current technology in fields like health or education
- Other, please specify: .....

3. In your opinion, how important it is to have a high GPA to find a professional job?
  - very important
  - important
  - neither important nor unimportant
  - not important
  - not important at all
4. How important it is that the student is graduated from which university? (e.g. ivy-league universities or any other universities)
  - very important
  - important
  - neither important nor unimportant
  - not important
  - not important at all
5. What would be your expected time transition from graduation and landing in your first job?
  - already have a job in computer science field
  - 1-3 months
  - 3-6 months
  - more than 6 months
  - N/A
6. What would be the required time for you as a new graduate to become proficient in your current/future job?
  - 1-3 months
  - 3-6 months
  - more than 6 months
  - Other, please specify: .....
7. What are a couple of reasons that you choose the required time in previous questions?

8. What are the top skills that is useful and important for a job that cannot be taught in schools or universities, if any? Please specify 2-3 items.
9. How important it is to receive a degree in computer science in an academic process from a university or just gaining the skills from other resources such as online courses, or certificates, self-learning programming skills and etc to land on a professional job?
  - very important
  - important
  - neither important nor unimportant
  - not important
  - not important at all
10. Please describe 2-3 reasons you choose the answer to the previous question?

### 3. PROFESSORS

1. What best describes your current goal in terms of being a member of university or school system and interacting with undergraduate students?
  - to train students in research field
  - to prepare students to find a job after graduation
  - to teach the theoretical topics
  - to improve their skills
  - to teach them analytical thinking
  - Other, please specify: .....
2. In your opinion, what would be the ideal goal of teaching computer science to undergraduate-level students?
  - work on research projects
  - get into industry very quickly
  - receive a high income job
  - learn about computer and its structure
  - improve the current technology in fields like health or education
  - Other, please specify: .....

3. In your opinion, how important is the role of student's GPA in order to be successful in their future proficiency?
  - very important
  - important
  - neither important nor unimportant
  - not important
  - not important at all
4. Is it important that the student is studied computer science in which university? (e.g. ivy-league universities or any other type of universities)
  - very important
  - important
  - neither important nor unimportant
  - not important
  - not important at all
5. What would you expect to be the time transition from students' graduation and landing in their first job?
  - They find a job in computer science field during studying
  - 1-3 months
  - 3-6 months
  - more than 6 months
6. What would be the required time for a new graduate to become proficient in their current/future job?
  - 1-3 months
  - 3-6 months
  - more than 6 months
  - Other, please specify: .....
7. What are a couple of reasons that you choose the required time in previous questions?
8. What are the top skills that is useful and important for a job that might not be taught in schools or universities, if any? Please specify 2-3 items.

9. How important it is to receive a degree in computer science in an academic process from a university or just gaining the skills from other resources such as online courses, or certificates, self-learning programming skills and etc to land on a professional job?
- very important
  - important
  - neither important nor unimportant
  - not important
  - not important at all
10. Please describe 2-3 reasons you choose the answer to the previous question?

#### 4. INDUSTRY

1. What are the current goals of universities to teach computer science/software engineering to undergraduate-level students?
- to train students in research field
  - to prepare students to find a job after graduation
  - to teach the theoretical topics
  - to improve their skills
  - to teach them analytical thinking
  - Other, please specify: .....
2. In your opinion, what would be the ideal goal study for undergraduate-level student in computer science to become successful in industry?
- work on research projects
  - get into industry very quickly
  - receive a high income job
  - learn about computer and its structure
  - improve the current technology in fields like health or education
  - Other, please specify: .....
3. In your opinion, how important is the role of new graduates' GPA in order to be considered as the job candidate?

- very important
  - important
  - neither important nor unimportant
  - not important
  - not important at all
4. In your opinion, how important it is that the student is graduated from which university?
- very important
  - important
  - neither important nor unimportant
  - not important
  - not important at all
5. What is the expected time transition from student graduation and landing in their first job in the field of computer science/software engineering?
- They already have a job in computer science field during studying
  - 1-3 months
  - 3-6 months
  - more than 6 months
6. What would be the required time for a new graduate to become proficient in their current/future position/job?
- 1-3 months
  - 3-6 months
  - more than 6 months
  - Other, please specify: .....
7. What are a couple of reasons that you choose the required time in previous questions?
8. What are the top skills that is useful and important for a job that cannot be taught in schools or universities, if any? Please specify 2-3 items.

9. How important it is to receive a degree in computer science in an academic process from a university or just gaining the skills from other resources such as online courses, or certificates, self-learning programming skills and etc to land on a professional job?

- very important
- important
- neither important nor unimportant
- not important
- not important at all

10. Please specify 2-3 reasons you choose the answer to the previous question?