HFE Monitor 2015

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Alumni 'Human Factors and Engineering Psychology' 2013-2015

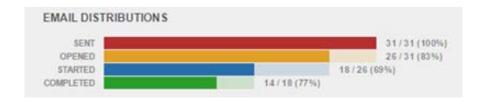


UNIVERSITEIT TWENTE.

The HFE monitor 2013-2015 is compiled with the aim to better align the Master's programme 'Human Factors and Engineering Psychology' (HFE) to the labor market. The monitor gives an impression of e.g. 'where our alumni started their subsequent career' and 'what knowledge of the master programme they are applying' in their current work environment. Consequently, the department is able to address the actual needs of the students and translate the outcome to a 'better suited' Master programme. This survey provides an indication for improvement and needs to be repeated in the future in order to better ground the conclusions.

Participants

The answers of the present HFE monitor are based on the graduates of the HFE master track between 01-01-2013 and 20-01-2015.



In total, 18 out of the 31 alumni (m=10; v = 8) completed the survey with an average age of 27 years. We were not able to trace all the e-mail addresses of the students.

The most important results

Since September 2014, students of the Masters programme HFE can choose to follow an internship within their master's program. Prior to September 2014, it was only possible for students to write their graduation thesis externally at a company. This brings up the questions whether or not an internship affects the duration for an alumni to find a study-related job. However, as can be extracted from figure 1, following an internship or external graduation project not necessarily reduces the time to find a study-related job.

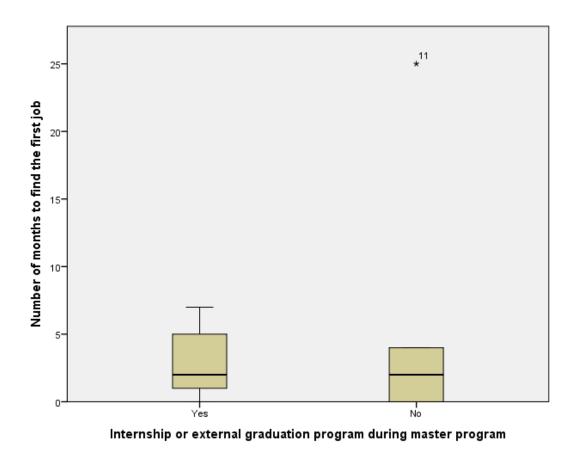


Figure 1. This box plot shows a breakdown of the number of months needed by a student to find a paid job, divided into students who may or may not have completed a traineeship or external graduation.

Furthermore, it is interesting to note here, that the average time until an alumnus finds a study-related job is approximately 3.5 month. Only one alumni has been searching for 25 month until he found his first job. The remaining alumni found their first study-related job within a period of 5 months after their graduation. We further know that 80 percent of the alumni who currently working is employed at a company. Moreover, 73% of the alumni state that the current work level matches the level of the master's programme HFE.

Lastly, it is interesting to trace the geographic scope of the activities of the organization where the alumni work (with an eye on the growth opportunities for these alumni). Figure 3 shows that most companies of our alumni act on national and international level. However, for the few alumni working at companies with a local geographic scope, it seems not to have a significant impact on the career opportunities.

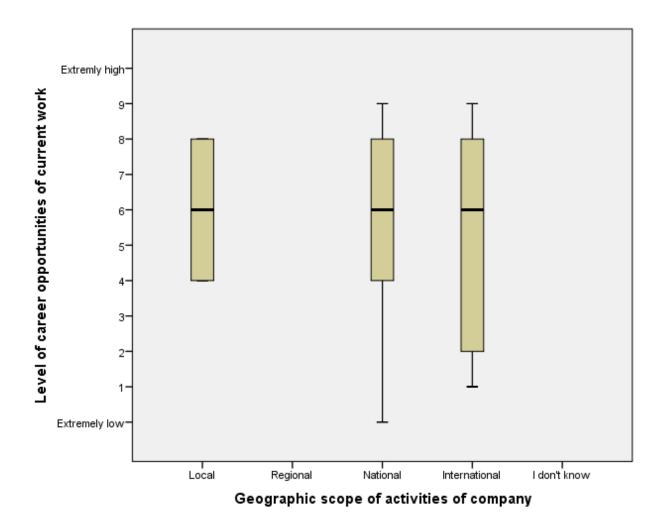


Figure 3. In this box plot, the level of career opportunities for the alumni is related to the geographic scope of the activities of the organization.

Finally, we asked the alumni if they would choose the same master again. No less than 76% state to want to redial to this master programme.