

## Weekly report template

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Practical training course name and code: Advanced Practical Training (521027S)

Employer: Prof. Simo Hosio & Dr. Aku Visuri

Working period (start-end, number of hours): Monday 5<sup>th</sup> July – Friday 9<sup>th</sup> July, 37.5 hours

Main tasks and duties during the period:

I had an important task, which was preparing one of our queued articles, based on the previous reviews. The article, namely "Unlucky Explorer: A Complete non-Overlapping Map Exploration," was planned to be submitted for the 3rd ACM WSSE 2021 during the summer. Since the deadline approached, I was required to apply the comments to prepare the paper for the upcoming venue. Besides, I needed to extract data from 100 articles for the Down Syndrome survey project.

Challenges faced during the period:

For the first time during the summer internship, I upfronted with a hard deadline in week six, which was set by a third-party (WSSE Conference). The challenging part with this deadline was that if I could not prepare the paper on time, there would no chance to re-schedule the deadline. Also, since we got several reviews for this article many months ago, I had to go through them to remember what things and how I should fix or enhance. Besides, the data extraction task was time-consuming.

Solutions and successes:

During this week, as we planned, we successfully submitted our paper to WSSE 2021. It was the greatest clear achievement during the summer that we got in week six since I finally would be able to get a result of my research. Coping with the deadline and improving the paper within the specific time required a solution. I reviewed all the comments and wrote down all the tasks that should be done as a checklist. Then, I ordered them by their priority and worked on them.

Personal development:

My approach in coping with the WSSE 2021 submission was good, since I organized my tasks and then did them, as explained. So, I learned how to list my tasks and order or prioritize them based on their effects on the result. This approach works well when there is a hard deadline with a short preparation time. Also, I watched useful YouTube videos regarding how to manage time and how to cope with repetitive tasks. I learned to change my working situation after each couple of days.

Knowledge and skills from university studies that I was able to utilize in my work:

I had many different tasks during this week due to the article preparation. So, I employed many of the skills, that I got during the university's courses. For instance, I was required to run some of the test cases again with a few changes in the source code in the C++ programming language. Besides, since we were developing the article on the Overleaf platform with Latex, I used my knowledge in Latex to create tables, lists, figures, etc. I learned how to work with Latex in my BSc studies.