

Weekly report 2

Name and student number: Mohammad Sina Kiarostami (2703855)

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 7th June – Friday 11th June, 37.5 hours

Main tasks and duties during the period:

As we planned, I revised and updated our first article in the queue, namely "On Using Monte-Carlo Tree Search to Solve Puzzles." I employed the IEEE CoG reviews to improve the article by adding new figures, explaining more details regarding our implementation, and changing the structure of the paper. Then, we successfully submitted it to the ACM 7th ICCTA 2021. Also, I organized 600 articles for the Down Syndrome survey in an excel file to prepare them for the data extraction.

Challenges faced during the period:

The second week was demanding since I started this week with an important task: submitting the first paper. We had a hard deadline to revise our first paper and finally submitted it. Managing time was arduous since I was required to handle several tasks such as writing, drawing figures, and coding to update all needed parts of the paper successfully. Besides, to continue our Down Syndrome survey project, I categorized all collected articles and removed duplicates.

Solutions and successes:

Week two indicated me I could follow my plans and reach all my short-term goals if I stuck to the agenda. So, I was encouraged to continue my work as planned. Also, I was certain that I could cope with this high load of work. Importantly, I could submit a paper that was a clear achieved target. I could shut down a project and focus on others better. After article categorization, I had a perfect overview of the Down Syndrome workload to distribute among the remaining weeks.

Personal development:

During this week, I acquired knowledge of how to manage a high workload by planning well. I had some busy days and understood my plan had some issues, such as being too general. It directed me well through my works as a general plan, but I learned a more particular plan would help more acceptable. Also, I gained an understanding of how to design a paper structure to let readers not be confused by several meetings with my supervisor, Aku Visuri. Week 2 was a creative week for me.

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

I used my long-term achieved skills, writing and coding to revise the paper. Besides, I utilized the Draw.io software. I employed the PRISMA framework for the Down Syndrome survey project to collect papers, organize them, then move them to the title and abstract screening. I learned about this framework during the HCI course when our lecturer, Simo Hosio, mentioned it. Then I studied more about PRISMA and learned it is one of the best approaches to carry a survey article.