Le profil professionnel des docteurs

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Researcher in user-entered technology

I am a young researcher who have 3+ years of experience in my PhD & master study, with a broad vision of myself and curiosity. I love exploring ideas, taking actions, and working with people.

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Cœur de métier

PHASE 1 **Développement des compétences**

I have joined events to learn and improve my transferable skills, such as giving talks (communication), managing side projects (leadership), volunteering (empathy, commitment), teaching (communication, nurturing people), etc. I set my career path for my professional by recognizing my skills, personality, and dreams. I make an effort to keep my professional identity intact by learning and improving my professional attitude. While waiting for my thesis defense, I make use my time to strengthen my technical and transferable skills through online and on-site training. I conduct informational interview to obtain insights on working in industry and widen my professional networking. I listen to people to receive feedbacks.

PHASE 1 **Évaluation**

Research should produce a finding through evaluation. Firstly, I compare and analyze interpretations and arguments from other research findings for obtaining my hypothesis and ideas. From various documents and sources, I evaluate the approach for addressing the challenges and analyze qualitatively and quantitatively. I visualize data so that the readers could understand my research finding. If needed, I also make some verdicts on how the readers should perceive the data. In addition to my own evaluation, I also evaluate the work of others through peer review and receive feedbacks from others on my work for revision and improvements.

PHASE 2 **Gestion de l'information**

Doing research means I have to find informational data on the scientific topic and present them ethically. I use a wide range of resources such as Google Scholar, Researchgate, online libraries (such as IEEExplore, Science Direct, etc), and also visiting on-site libraries. To organize the information and annotate the finding, I use Mendeley resource management. Managing huge data can be daunting, so I used the metadata, for example, I can use DOI to import bibliography to my document. My data are synchronously backed-up online to ensure preservation of the data together with descriptive metadata. I use citation alerts and a searchable RSS feed to be up-to-date on new progress in the field.

PHASE 2 **Expertise et méthodes**

During my 3+ years in academic research, I have developed skills and expertises in the field of network systems (with interdisciplinary subject in data science, fault injection methods, and software defined networks). Firstly, I conceptualized the research problems and questions that I wanted to investigate. From the problems, I contextualized the implementation to find the answers and solutions, addressing the challenges and building the argumentations of the research finding. This includes the analysis of the evaluation through the synthesis of research reports (paper, academic talks in conference/seminar, presentation to different levels of audience). During my research, I had experiences to collaborate with 2 industrial partners and supervised 2 intern students.

Qualités personnelles et relationnelles

PHASE 1

Communication

I am not hesitant to speak up my needs, but I listen first as listening is part of good communication. I know and apply assertive communication, a technique to clearly speak my perspectives while respecting others' needs. In case of professional communication, I have experienced speaking of my works in front of multilevel of audiences. I also have experienced teaching students and supervised their school projects. I always use online media to communicate myself personally (Instagram) and professionally (LinkedIn, Twitter, Google Sites). I am learning French to get immersed with professional businesses in French-speaking people.

PHASE 1

Collaboration

During my research projects, I work with professionals from industries from different backgrounds and expertises. I lead and host my project meetings and manage the schedule. I am always developing this skill for larger collaboration in the future.

PHASE 1

Analyse, synthèse et esprit critique

I present my work with my analysis and synthesis in front of multidisciplinary professional. Doing so allows me to receive feedbacks. Based on the feedbacks, I critically analyze my arguments and findings for better solution. I prioritize information to be included in my works. I make effort to avoid any biases that may obstruct the objectivity of my research. I am open to re-evaluate my perspective if I find the feedbacks from others constructive, otherwise I try to defend my ideas to try to convince others.

PHASE 1

Ouverture et créativité

Being creative and open-minded is required for doing professional activities, as we are dealing out of scope of our knowledge boundaries. For example, I approach my research with clear mind before taking steps to identifying problems. I explore and test as many ideas and inputs as possible for my research implementation and evaluation, taking into account interdisciplinary knowledge as the knowledge are intercorrelated: I connect the dots to obtain comprehensive yet specific knowledge in my professional activities.

PHASE 1

Engagement

Whenever I feel lacking motivation, I always remember what I want to achieve before I start my activities so that I can always engage my activities with perseverance. I have no doubt in seeking for help and support in the face of setbacks and adversity. I enjoy learning from mistakes, this is the way I improve myself personally and professionally. Doing routine activities is the thing I enjoy the most, while not forgetting the motivation of performing non-routine works. At the end, I always make effort to show determination and to achieve the best in my activities.

PHASE 1

Intégrité

Working on many projects with various partners has made me acutely aware of the value of intellectual property. I follow the morality practices of data processing and distribution. I acknowledge other's contributions in my works.

PHASE 2

Équilibre

I always make efforts to balance myself personally and professionally, like work-life balance. During my leisure time, I do my hobbies: sport (gym workout, football, badminton), reading self-help books/articles. Doing so helps me to grow self-awareness, taking advantage on my strength and improve my weaknesses. I ask for support and set boundaries to people to maintain healthy work-life relationships.

PHASE 2

Écoute et empathie

My best strength is on introverted intuition. This naturally shapes and train me to be a good

listener because this function requires to gather information for gaining insights. As consequently, I develop my empathy to people and environments. I respond them with compassion and understanding without having prior judgment due to personal/professional discrepancy. I am comfortable to give advice and help, especially when needed. I take into account my mental health seriously.

Gestion de l'activité et création de valeur

PHASE 1 **Conduite de projet**

I learned to manage my project during my research thesis, school projects, and voluntary activities. I plan the project I manage the goals, deliverables, and deadlines. For the thesis and school projects, I supervised several master and undergraduate students to work with my project or their school projects. I react appropriately during unforeseen changes and events. I also evaluate and monitor the projects with the responsible people.

PHASE 2 **Gestion du changement**

I have experience working on projects that has undetermined goals and requirements in advanced, and during the experience I have to react sufficiently and efficiently to meet the sub-goals. Doing so requires me to find solutions from people, so I ask to gather the information and act accordingly. I try to understand why changes are needed. The experience is the similar when planning my career change.

PHASE 1 **Management des personnes et des équipes**

On multiple occasions, I work with team to complete projects. I contribute to parts of the projects as well as recognize the contributions from others. At particular period, I report the project activities regarding the requirements, goals, deliverables, etc. I support and accept assistance to manage and complete the projects. On some events, I need to understand the limitation of the projects regarding law and responsibility by asking to the right parties. I regard every person with respects.

PHASE 1 **Production de résultats**

In the requirements of producing results, I need to deploy and test the implementation to ensure the expected project outputs, and I learn a lot from this phase. I achieve and publish the results as the outputs of the projects in the form of paper and, talks. My list of publication is available on Google Scholar.

Stratégie et leadership

PHASE 1 **Stratégie**

I envisage people and works with open mind, so that I can better think as best strategy as possible to complete projects. I ask whenever I have doubt, to better understand the workflow. I am developing my strategy for more efficient working experiences.

PHASE 1 **Leadership**

I lead my research project with guidance of my supervisors. I plan, do, delay, delegate, and eliminate works based on the priority. In addition to the professional projects, I have experienced leading and supervising a team to organize the biggest Indonesian student sport competition in South Korea. At that time, I considered the best choice for multiple parties, for example, I chose the host city of the competition in the centre of South Korea, so that people from the north and the south would not need to travel too far. I give instructions and advices as a leader while considering feedbacks of the people I am working with. My belief is that I put trust on people while developing the trust as the time goes by. I am always eager to improve my leadership skills and the projects I work on.