Professional English Assignment

Personal SWOT Analysis

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I. Introduction

My name is Wilfiried Bounsi, I am a 20 years old Cameroonian young male who lives in Toulouse. I am currently a 1st year Master student at Toulouse INP - ENSEEIHT, specializing in High Performance Computing and Big Data.

I have a passion for software engineering and applied mathematics. More precisely, I am interested in the field of Data Science, in which I want to pursue a PhD and build my career. My short term career goal is to get a PhD, mid term is to work in a big company as a Data Scientist and long term is to run my own business.

By working hard in pursuing my career goals, I feel a sense of accomplishment and fulfilment. I like to work on projects and develop new skills. My internship at IRIT has given me the best learning ground to build up my problem solving skills and allowed me experience what research feels like.

I'm a polyglot programmer, with fullstack competency, I can professionally handle Web/Mobile projects. I prefer working with Django and Vuejs when it comes to web development. As a Java programmer I'm able to design nice desktop GUI applications with the JavaFX framework. I often do some C and C++ but occasions are pretty rare. I'm a great fan of AI because of all the "magic" it's capable of. I also do a lot of online courses and open source contributions during my spare time, you can check more details in my personal website.

II. Analysis

II.1. Strengths

My strengths in relation to my future career as a Data Scientist:

- Interning at IRIT, I have managed to acquire some professional and practical skills such as understanding research papers, bash scripting, setting up and administering a Hadoop cluster, benchmarking and improving performances.
- Hardworking, I've always been hard working at school from nursery to now.
- Perseverance, I'm a stubborn individual who never gives up no matter how bad the situation is. When I got accepted to ENSEEIHT, I moved to Toulouse with exactly 0€ at my disposal, in less than 2 month I've been able to get a job and keep enough money to both get housing and pay my school fees. Kudos to myself.

- I'm dedicated, Whenever I get my mind into something I get it done, that's how I am. That's why I get great marks in school projects, I'm a perfectionist.
- Fast learner, There is so much to know in our field, and so little time, that you've got to be a fast learner nowadays. I have taken online courses to improve my ability to learn difficult subjects quickly.
- I have very good technical skills, I once participated in a hackathon and won a prize, I often contribute to open source projects, thus collaborating with other contributors all over the globe.
- I have a lot of professional experiences, my CV is rather full for someone of my academic level, I've been told so by more than one recruiter now.

Unique resources and networks I can draw on are:

- ENSP Alumni Network
- My Contacts at IRIT

Other see as my strengths are:

- Strong leadership skills as I know how to allocate jobs to my respective group members, providing guidance and keeping track of their progress.

II.2 Weakness

Areas I am lacking in relation to my future career are:

- I have very limited financial resources. I live completely on my own, in a foreign country with no one to rely on.
- Often late.
- I'm distracted, I often attempt to do multiple things at once.
- Study a little more, sometimes I study too less because of the false belief that my intrinsique abilities are enough to grant me academic success. I have good marks but clearly I can do a lot better.
- My public speaking needs great improvement.

Others see as my weaknesses:

- I can be a perfectionist when it comes to assignments therefore sometimes I push or have too high an expectation on my group mates and they feel pressured.
- Shy, and often lack self confidence in communication.

II.3 Opportunities

Opportunities that are open to me in relation to my career:

- Online programs like the Google summer of Code can help get credit and visibility in my field. It would look awesome in my CV.
- Opportunity to get a Double diploma with University of Paul Sabatier.

Trends I could take advantage of:

- There's a lot still to do in my home country, I have the opportunity to bring back my competency and make money out of it while helping to make my nation a better place to live.
- Constant demand for DataScientist and applied mathematicians. There are a lot of computer scientists out there but much less applied mathematicians, hence we're highly demanded.

II.3 Threats

Threats that could harm my chances in relation to my future career:

- Racism
- Not getting good enough grades to be a competitive PhD student applicant.
- Since I entered ENSEEIHT at M1 level, I often suffer from a lack of prerequisites.
- My health could deteriorate sooner than expected (Klippel Feil Syndrome).

III. Conclusion

To build on my strengths and exploit opportunities:

- I am going to apply to Google summer of coded 2020
- I am going to perform well during my internship at IRIT
- Study harder to get better grades
- Next year, I will apply to the double diploma program with University of Paul Sabatier

To address my weaknesses and respond to and minimise the impact of potential threats:

- I'm going to improve my english speaking
- I'm going to take online courses on public speaking
- Go all to school lectures and tutorials
- keep track of new academic and professional opportunities in the field of Data science
- Submit all my assignments on time.
- Do some physical activities and have healthy & balanced social life.