

To:

Faculty of Computing and information technology, KAU

Dear Sir/Madam,

We are DAOUDI Khensa and YAMAMI Maroua Engineering students at the Higher School of Computer Science ESI Algiers, pursuing our studies in the information systems and technology branch we are currently at the end of our fourth year.

We are writing to apply for a 6–9-month internship starting from September 2021, at the faculty of Computing and information technology KAU, for our end of studies thesis.

We are interested about Machine learning, Deep learning, Data mining, Data science in general.

Our studies at the school allowed us to acquire many skills; the ability of managing real project, respecting deadline, and delivering results that meet our objectives.

Moreover, our academic path was so rich and varied in our three first years we had courses in different fields.

- Oriented object Programming, algorithms, and development
- mathematics (Analysis, Algebra, Probabilities & statics, mathematical logic)
- Electronics, mechanics, and geometrical optics
- Computer science infrastructure (Networking, System, Computer architecture)

In this year we choose Information Systems and technology branch, the program deliver within this branch was based on:

- Data analysis (Regression, Clustering, Principal Component Analysis, Factorial Correspondence Analysis)
- Advanced Databases (Datawarehouse, SQL, Oracle, MongoDB, Postgress)
- Big data (Spark Apache)
- Data Mining (Clustering Analysis, Regression Analysis, Association Rule Learning)
- Machine learning (Supervised, unsupervised & reinforcement learning)
- Queuing theory and simulation

Besides that, we had subjects that are related to information systems such as Decision support system, Business intelligence, Information systems design, Enterprise Architecture.

So, with our educational background and our experience working together on very challenging projects imposed by the school program or in hackathons we have acquired coordination and cooperation spirit and complementary skills that allow us to design solutions to complex problems from different fields.

We are highly motivated and serious, we want to put into practice everything we learn during our studies, through this internship we would like to deepen our knowledge and working on project that matches with our future aspiration.

You are cordially invited to look at our CVs, and we are at your disposal for any additional information or appointment for interview.

Thank you for your attention to our application.

Pending a favorable reply from you, please accept the expression of our most distinguished sentiments.

Cordially.