

Dr. Abdellahoum Hamza

abdellahoumhamza@gmail.com

M1 Cyber Security

Higher Institute of Sciences (HIS University)

university of science and technology houari boumédiène

Algiers, Algeria



المعهد العالي للعلوم
Higher Institute of Sciences

Date: June 20, 2026

Subject: Letter of Recommendation for Mourksi El Moatassam Billah

To Whom It May Concern,

I am writing to highly recommend Mr. Mourksi El Moatassam Billah for any academic or professional opportunities he may pursue. I had the distinct pleasure of teaching and evaluating him in the "Complexity" module during his first year of the Master's program (M1) in Cyber Security at the Higher Institute of Sciences (HIS University).

Throughout the semester, EL Moatassam consistently demonstrated a remarkable ability to bridge theoretical computer science with practical systems engineering. The Complexity module is notoriously rigorous, covering advanced topics such as time and space complexity, P vs. NP problem classes, and algorithmic efficiency. El Moatassam not only mastered these fundamental concepts but also exhibited a profound understanding of how computational complexity impacts system performance, resource allocation, and secure design.

El Moatassam distinguishes himself through his analytical mindset and hands-on technical proficiency. He has a unique talent for applying theoretical knowledge to highly complex, practical scenarios. For instance, his strong grasp of resource efficiency and algorithmic logic is clearly reflected in his broader academic work involving virtualization environments and container orchestration. Whether analyzing the theoretical limits of an algorithm or deploying optimized, secure infrastructures, he approaches technical challenges with exceptional rigor and precision.

Beyond his academic capabilities, El Moatassam is a dedicated, curious, and highly collaborative individual. He consistently works well with his peers on demanding academic projects and lab reports, presenting his technical solutions with clarity and professionalism. His ability to integrate complex concepts into functional, efficient applications makes him an outstanding student.

I am confident that Mourksi El Moatassam Billah possesses the technical foundations, personal drive, and intellectual maturity required to excel in any advanced academic program or professional environment. I wholeheartedly recommend him and believe he will be a valuable asset to your institution or organization.

Please feel free to contact me should you require any further information regarding his qualifications.

Sincerely,

Dr. Abdellahoum Hamza

Computer science Department

Higher Institute of Sciences (HIS University)



الجمهورية الجزائرية الديمقراطية الشعبية
People's Democratic Republic of Algeria

وزارة التعليم العالي والبحث العلمي
Ministry of Higher Education and Scientific Research

المعهد العالي للعلوم - مؤسسة خاصة للتكوين العالي
Higher Institute of Sciences - Private Institute of Higher Education

Mrs SABA OUATAH Samah Ferial

Head of Pedagogical Quality Assurance
Department

S.ouatah@his.edu.dz / +213549050164

Recommendation Letter

for Mourksi El Moatassam Billah

Dear Sir or Madam,

I am writing to strongly recommend Mr. Mourksi El Moatassam Billah for any academic or professional opportunity he may pursue.

Mr. Mourksi was a member of my team within the Pedagogical Quality Assurance Department at the Higher Institute of Sciences (HIS University) from November 2025 to April 2026 as an " Intern ". During this period, he demonstrated remarkable commitment, professionalism, and a strong willingness to learn and continuously improve.

As part of his responsibilities, he contributed to the design, implementation, and support of several institutional projects, including the Bank of Exams, the Attendance Platform, and the Student Satisfaction Surveys operation. His technical skills, solution oriented vision, and attention to details were valuable assets to the success of these initiatives.

Beyond his technical competencies, Mr. Mourksi displayed excellent personal qualities. He is a curious and motivated individual who consistently seeks opportunities for growth and development. El Moatassim Billah, combines talent, seriousness, and politeness with a strong work ethic. I am confident that he possesses the qualities required to succeed in any academic or professional environment and that he will make a positive contribution to any organization fortunate enough to welcome him.

I therefore recommend him and sincerely believe that he deserves every opportunity to further develop his potential.

Sincerely,

Algiers, 16/06/2026

Pr.Laid Kahloul
Professor
University Mohamed Khider Biskra
l.kahloul@univ-biskra.dz
+213 6 63 56 88 67



Recommendation for Mourksi El Moatassam Billah

Dear Sir or Madam,

I am writing to strongly recommend **Mourksi El Moatassam Billah** for any academic or professional opportunity he wishes to pursue. I had the privilege of teaching him in Algorithm 3 (L2) at the University of Biskra, where he consistently demonstrated excellent intellectual abilities and a remarkable commitment to his studies.

Throughout the course, El Moatassam distinguished himself through his strong grasp of algorithmic concepts, his analytical skills, and his ability to apply theoretical knowledge to practical problems. He approached each assignment with rigor, creativity, and attention to detail, producing work of exceptional quality. His performance in assessments reflected not only his understanding of the subject matter but also his capacity for logical thinking and problem solving.

In addition to his academic achievements, I supervised El Moatassam on his L3 project, **DIGIQA (Digital Assurance Quality)**, which is part of the **LINFI Laboratory** at the University of Biskra. During this project, he demonstrated a high level of initiative, technical proficiency, and collaborative skills. He consistently delivered results on time, contributed innovative solutions, and showed the ability to integrate complex concepts into practical applications. His work on the DIGIQA project was exemplary, reflecting both his dedication and his passion for quality assurance in digital systems.

Beyond his technical and academic skills, El Moatassam possesses strong interpersonal abilities, professionalism, and an eagerness to learn. His intellectual curiosity, combined with his determination and work ethic, makes him exceptionally well suited for advanced studies or professional roles in computer science.

I am confident that Mourksi El Moatassam Billah will excel in any environment and bring valuable contributions to any team or institution. I wholeheartedly recommend him and would be happy to provide additional information if needed.

Biskra, 09/12/2025

Professor Laid Kahloul
Smart Computer Sciences Laboratory
Laboratoire d'INformatique Intelligente (LINFI)
Computer sciences department
University of Biskra
BP 145 RP,
07000, Biskra, Algeria
Mobile: 00 (213) 663568867
Laboratory phone and Fax: 00 (213) 33543324

Dr. BERGHIDA Meryem

MCB, Département Informatique
Université Mohamed Khider Biskra, Algérie
(+213) 553 277 412
Meryem.berghida@univ-biskra.dz



Biskra, 18/04/2025

Objet : Lettre de recommandation

À l'attention du comité d'admission,

Je me permets de vous écrire afin de vous recommander vivement M. **Mourksi El Moatassam Billah** pour l'intégration à votre formation de Master en informatique. En tant que son enseignant en Travaux Dirigés et Travaux Pratiques dans le module "Architecture des ordinateurs" durant le premier semestre de la deuxième année de licence (2023-2024), j'ai pu constater ses remarquables qualités intellectuelles et son engagement exemplaire.

M. Mourksi s'est distingué tout au long du semestre par sa maîtrise approfondie des concepts fondamentaux en architecture des ordinateurs. Le module couvrait notamment les différents types d'architectures, l'organisation de la mémoire centrale, le fonctionnement détaillé du CPU ainsi que la programmation en langage assembleur sur processeur R3000. Dans chacun de ces domaines, il a fait preuve d'une compréhension solide et d'une capacité d'analyse particulièrement fine.

Lors des séances pratiques, il a brillamment appliqué ces connaissances théoriques à des cas concrets. Que ce soit dans l'étude des composants internes d'un ordinateur, l'analyse des mémoires centrales et caches, ou encore la programmation en assembleur R3000, il a systématiquement démontré une rigueur et une précision techniques exceptionnelles. Ses rapports de travaux pratiques se distinguaient par leur clarté, leur exhaustivité et, souvent, par des propositions innovantes dans la résolution des problèmes posés.

Au-delà de ses compétences techniques, **M. Mourksi** a toujours fait preuve d'une curiosité intellectuelle stimulante et d'un véritable esprit scientifique. Son aptitude à questionner les concepts, à faire des liens entre différentes notions et à proposer des approches originales témoignent d'un potentiel certain pour des études avancées en informatique.

Je ne doute pas que sa rigueur, sa capacité de travail et sa passion pour l'informatique lui permettront de s'épanouir pleinement dans votre formation. C'est donc avec un grand plaisir que je vous recommande chaleureusement sa candidature, convaincu qu'il saura apporter une valeur ajoutée à votre établissement tout en réalisant d'excellents résultats dans son parcours.

N'hésitez pas à me contacter si vous souhaitez des informations complémentaires sur son profil académique. Veuillez agréer, Messieurs, l'expression de mes salutations distinguées,

Cordialement,

Dr. BERGHIDA Meryem

Dr. Djouher AKROUR
Associate Professor
Mohamed Khider University of Biskra
djouher.akrou@univ-biskra.dz
00 213 (0) 6 69 42 19 41

Biskra, April 18, 2025

Subject: Letter of Recommendation

Dear Sir or Madam,

I am writing to provide this letter of recommendation in support of Mr. Mourksi El Moatassam Billah, whom I had the honor of having as a student during the tutorial sessions of the *Operating Systems 1* module (taught in the second year of the Bachelor's program), in the second semester of the 2023–2024 academic year.

Throughout these sessions, Mr. Mourksi proved to be a particularly serious, diligent, and dedicated student. He consistently approached the exercises with rigor and method, and demonstrated a solid understanding of the fundamental concepts of operating systems. His academic performance was very satisfactory, reflecting his continuous commitment and his ability to grasp and apply the material effectively.

Beyond his academic abilities, I also appreciated his respectful attitude, punctuality, and his ability to work both independently and as part of a team. He is a rigorous, curious student, fully invested in his education.

I am confident that Mr. Mourksi will show the same dedication and commitment in the continuation of his studies. For this reason, I strongly recommend him for any academic program he wishes to pursue.

Please do not hesitate to contact me should you require any further information.

Yours sincerely,





Objet : Lettre de recommandation pour Mr Mourksi El Moatassam Billah

Madame, Monsieur,

Par la présente, je me permets de vous adresser cette lettre de recommandation en faveur de Monsieur El Moatassam Billah MOURKSI, que j'ai eu le privilège d'encadrer lors des Travaux Pratiques du cinquième semestre, dans le cadre du module Génie Logiciel, dispensé principalement en utilisant le langage Java.

Au cours de cette période, Monsieur El Moatassam s'est illustré par son engagement exemplaire et son implication active. Ses travaux se sont toujours démarqués par leur qualité, traduisant une rigueur méthodologique et une autonomie remarquables. Il a démontré une très bonne maîtrise du langage Java, ce qui lui a permis de mettre en œuvre efficacement les concepts abordés durant le module.

Animé par une réelle passion pour le domaine, il n'a cessé de chercher à approfondir ses connaissances et à mettre en pratique les notions enseignées, faisant preuve d'un esprit d'initiative constant. Il a su utiliser avec aisance les outils et les méthodes propres au développement logiciel orienté objet, et a proposé des solutions pertinentes, innovantes et efficaces aux différentes problématiques rencontrées.

Son aptitude à travailler de manière indépendante, tout en livrant des résultats d'un haut niveau, mérite d'être soulignée.

Je suis convaincu que Monsieur El Moatassam MOURKSI possède toutes les qualités nécessaires pour réussir tant dans la poursuite de ses études que dans le milieu professionnel. Son sérieux, sa curiosité intellectuelle, sa capacité à collaborer en équipe et sa passion pour l'informatique en font un profil de grande valeur.

Je le recommande donc vivement pour toute opportunité, qu'elle soit académique ou professionnelle, et je suis persuadé qu'il saura relever avec succès les défis qui se présenteront à lui.

Je reste à votre disposition pour tout complément d'information.

Veuillez agréer, Madame, Monsieur, l'expression de mes salutations distinguées.

Dr.Ouaar Hanane

Mohamed Khider University of Biskra
Faculty of Mathematics, NLSCS Department of
Computer Science
Lecturer: Dr. Hanane Ouaar
Email: hanane.ouaar@univ-biskra.dz



Subject: Letter of Recommendation for Mr. Mourksi El Moatassam Billah

Dear Sir or Madam,

I am writing to you to provide a letter of recommendation for Mr. El Moatassam Billah MOURKSI, whom I had the privilege of supervising during the practical sessions of the fifth semester, as part of the Software Engineering module, which was primarily taught using the Java programming language.

Throughout this period, Mr. El Moatassam distinguished himself through his exemplary commitment and active participation. His work consistently stood out for its high quality, reflecting both methodological rigor and remarkable autonomy. He demonstrated a strong command of Java, which enabled him to effectively apply the concepts covered during the course.

Driven by a genuine passion for the field, he continuously sought to deepen his knowledge and apply the concepts taught, consistently displaying a spirit of initiative. He skillfully utilized the tools and methods associated with object-oriented software development, and proposed relevant, innovative, and efficient solutions to the various challenges encountered.

His ability to work independently while consistently delivering high-quality results is particularly noteworthy.

I am confident that Mr. El Moatassam MOURKSI possesses all the necessary qualities to succeed both in his academic pursuits and in a professional environment. His seriousness, intellectual curiosity, teamwork skills, and passion for computer science make him a highly valuable candidate.

I therefore strongly recommend him for any academic or professional opportunity he may wish to pursue, and I am certain he will rise to any challenge with excellence.

Please do not hesitate to contact me should you require any further information.

Yours sincerely, Dr Ouaar Hanane

Dr.Ouaar Hanane