Mohamed H.Behiry

Teaching Assistant of Computer Science

Phone: 01121214614
Birthday: 17-3-1993
E-mail: mo7beheri@gmail.com

Brief of EDUCATION

2009 - 2013   BSc. Menoufia University
Pure Mathematics and Computer science department
Grade : Very Good

2013 - 2014   Premaster at faculty of science, Menoufia University
Pure Mathematics and Computer science department
Grade : Very Good

2014 - 2017   Master degree – Menoufia university
Pure Mathematics and Computer science department
Under title   " New Quantum image Encryption Algorithms "

22/2/ 2018   Reg.PHD – Menoufia university
Pure Mathematics and Computer science department

under Title " Quality control improvement using IIOT and swarm optimization "

TEACHING EXPERIENCE

2009 - 2014   Instructor, web and graphic designer at Computality IT company.

2010 - 2011   Instructor for web design courses at Pear Academy

2014 – till now   Teaching assistant of Information system at Future academy(HISS)

2016-till now   Research student in faculty of Menoufia university

PRESENTATIONS

Mohamed beheri (2016). "**Quantum image encryption based on scrambling-diffusion (SD) approach**." Paper presented at the ICFSP Conference at the University of Warsaw-poland.

PROFESSIONAL MEMBERSHIPS

19/2/2018   Reviewer at Springer International Journal at QINP
1/9/2020   Microsoft trainer for education service 365 package
1/10/2020   team leader of development Staff in FUE to enhancement infrastructure *Moodle*

RELEVANT SKILLS

Programming ability in C++ ,PHP, Python and C#
Extensive knowledge of SPSSX and SAS statistical programs.
Computer hardware and operating system
Artificial intelligent
CCNA networking
Computer vision
Web Design (html5-css3-javascript)
Graphic program (Photoshop CC- illustrator – cinema 4D)

PUBLICATIONS

- H. Beheri, Mohamed & Amin, Mohamed & Song, Xianhua & Abd El-Latif, Ahmed. (2016). Quantum image encryption based on scrambling-diffusion (SD) approach. 43-47. 10.1109/IEEE.2016.7802954.

- M.H. Beheri, M.Amin, A.mausad . (2018). Online Self-Tuning PID Controller Using IIOT and Swarm Optimization. *Information and Communication Technology (ICoICT) 2018 International Conference* pp. 128-132, doi: 10.1209/CIS.2018.194.
- M.Amin, A.mausad , M.H. Beheri. (2020). Using Various Optimaztion Approachs For online Self development PID Control Motor (under review)

Appendix:

MINUFIA UNIVERSITY

CERTIFICATE

Postgraduate
Faculty of Science

To whome it may concern

05052

This is to certify that   Mohamed Hassan Sadik Behiry

born on   17/3/1993   , in kafr El-arab elbahry, Tala, Menoufia.

was awarded   M.Sc." Computer Science "

Thesis Title

(New Quantum Image Encryption Algorithms).

By the Faculty Council on   12/3/2017

Approved by the University Council on   29/3/2017

This certificate has been issued upon his/her request.

Hamsa

Rania Ali   Vice Dean   Dean
08/4/2017   Prof Dr. M.Tawfiek Shaaban

Date: 18/4/2017

إفادة

تفيد كلية العلوم جامعة المنوفية بأن الطالب / ـــــــــــــــــ محمد حسني تعني العرني

قد إجتاز مقررات الدراسات التمهيدية لدرجة الماجستير فى العلوم فى العام الجامعى ٢٠١٣ / ٢٠١٤

بشعبة / ـــــــــ علوم حاسب ـــــــــ وموافقة مجلس الكلية بتاريخ ١٤ / ٩ / ٢٠١٤

وبياناتها على النحو التالى : -

الفصل الدراسى الثانى			الفصل الدراسى الأول		
عدد الساعات		المقررات	عدد الساعات		المقررات
معتمد	عملى	نظرى		معتمد	عملى	نظرى	
٢	-	٢	تطبيقات على حاسب الآلى (جيد جدا)	٢	-	٢	تحليل عددى (مقبول)
٢	-	٢	نظرية الأمثلية (ممتاز)	٢	-	٢	طرق بحث البرامج (جيد)
٤	-	٤	تحليل الخوارزميات (ممتاز)	٤	-	٤	تنفيذ مترجمات احاسب (جيد جدا)
٢	-	٢	النظم الخبيرة (جيد جدا)	٢	-	٢	الذكاء الاصطناعى (جيد جدا)
٢	-	٢	حل المشاكل (ممتاز)	٢	-	٢	نظم قواعد البيانات (جيد)
٢	-	٢	أساليب البحث العلمى (جيد جدا)	٢	-	٢	شبكات التبيعه (جيد)
			التقدير العام (جيد جدا)	٢	-	٢	لغة إنكليزية (جيد جدا)
			النسبة المئوية (٧٦.٠٥%)				

وهذه إفادة بالمقررات الدراسية التى اجتازها الطالب ضمن متطلبات الحصول على درجة الماجستير فى العلوم بدون أدنى
مسئولية على الكلية أو الحكومة .

الدراسات العليا
المختص
١١/٢

وكيل الكلية للدراسات العليا والبحوث
٢٠١٤/١٧٤
(أ.د. محمد صلاح تراب البيومى)

عميد الكلية

تحريرا فى ٣٠ / ١٠ / ٢٠١٤

٤٧١١٥)

Menoufia University

Faculty of Science

Certificate

The Faculty hereby certifies that Mr. : **Mohamed Hassan Sadik**

Behiry

Born in : **Tala –Menofiya**   On : **17/3/1993**

Was awarded the degree of : **Bachelor of Science**

Department / Section : **"Pure Mathematics and Computer Science"**

In : **May 2013**

Accumulative total : **11019**

Percentage : **77.6 %** out of maximum total : **14200**

With general grade : **"Very Good"**

Date of the faculty council approval : **31/7/2013**

Date of the university council accredition: **31/7/2013**

Official in charge   Head,   Director,
                            Ed. Affairs Dept.   Ed. Affairs Dept.

Deaa Samy.   Deaa Samy.   Abou Elmagd
                                23-3-2017

Dean

STUDENT ACADEMIC RECORDS IN B.SC., STUDIES

Faculty of Science
Student No: 303
Department: Pure Mathematics and Computer Science
Student Name: Mohamed Hassan Sadik Behiry
Date and Place of Birth: 17/3/1993 - Tala, Menofiya, Egypt
Date of Joining University: 2009/2010
Date of Graduation: May 2013

Academic Year 2009/2010 — Term(1)

Course	Code	Hours	Degree	Grade
Statistics(1)	U133	1	64	Pass
Algebra	M113	2.5	203	Very Good
History of Science	F110	2	120	pass
Mathematical Analysis 1	M111	3	186	pass
Discrete Mathematics (1)	M1310	3	187	pass
English (1)	F111	2	181	Excellent
Introduction to Computer Programming	M139	3	213	good
Analytical Geometry (1)	M112	2.5	154	pass
Term Rare: 69.11%		**Grade: (Good)**		
Accumulated Rate: 69.11%		**Grade: (Good)**		

Academic Year 2009/2010 — Term(2)

Course	Code	Hours	Degree	Grade
Structured Programming	M1311	4	340	Excellent
Abstract Algebra	M116	2.5	218	Excellent
Photography	F110	2	143	(Good)
Mathematical Analysis (2)	M114	3	255	Pass
Properties of Matter	P111	3	255	Excellent
Human Rights	U190	1	75	Very Good
Analytical Geometry (2)	M115	2.5	163	(Good)
Term Rare: 76.33%		**Grade: Very Good**		
Accumulated Rate: 72.72%		**Grade: (Good)**		

Academic Year 2010/2011 — Term(1)

Course	Code	Hours	Degree	Grade
Waves and sounds	P144	3	265	Excellent
Linear Algebra	M117	2.5	189	Very Good
Mathematical Analysis (3)	M211	3	231	Very Good
Computer Language	M2311	4	330	Very Good
Introduction to Differential Geometry	M215	2.5	150	pass
Introduction to Computer System	M2312	3	227	Very Good
Term Rare: 77.33%		**Grade: Very Good**		
Accumulated Rate: 74.26%		**Grade: (Good)**		

Academic Year 2010/2011 — Term(2)

Course	Code	Hours	Degree	Grade
Linear Programming	M2218	3	237	Very Good
Numerical Analysis(1)	M118	2.5	173	Good
General Mechanics	M1213	4	348	Excellent
Topics in Computer	M4313	3	211	Good
Differential Equations (1)	M212	2.5	184	Good
Data Structure	M2317	4	305	Very Good
Islamic Studies 1	F 121	2	170	Excellent
Term Rare: 77.52%		**Grade: Very Good**		
Accumulated Rate: 75.17%		**Grade: Very Good**		

Academic Year 2011/2012 — Term(1)

Course	Code	Hours	Degree	Grade
Applied Physics (1)	P189	3	273	Excellent
Operating System	M338	4	301	Very Good
Artificial Intelligence	M4315	3	243	Very Good
Differential Equations (2)	M216	2.5	201	Very Good
Image Processing	M4322	3	198	Good
Mathematical Methods 1	M2217	2.5	214	Excellent
Term Rare: 79.44%		**Grade: Very Good**		
Accumulated Rate: 76%		**Grade: Very Good**		

Academic Year 2011/2012 — Term(2)

Course	Code	Hours	Degree	Grade
System analysis and Design	M3311	4	338	Very Good
Functional Analysis(1)_2	M411_2	2	175	Excellent
Numerical Analysis (2)	M217	2.5	203	Very Good
Natural Geology	G141	3	229	Very Good
Database	M3310	4	340	Excellent
Operations Research	M317	2	170	Excellent
Term Rare: 83.14%		**Grade: Very Good**		
Accumulated Rate: 77.13%		**Grade: Very Good**		

Academic Year 2012/2013			Term(1)	
Course	Code	Hours	Degree	Grade
Analysis and Design of Algorithms	M339	2	121	Pass
English (2)	F112	2	150	Very Good
Non Linear Programming	M2112	2.5	194	Very Good
Logic in Computer Science	M4316	4	330	Very Good
Electricity and Magnetism	P145	3	209	Good
Foundations of physical chemistry	CH111	3	271	Excellent
Term Rare: 77.27%			Grade: Very Good	
Accumulated Rate: 77.15%			Grade: Very Good	

Department	Signature
1- Mathematics	M. ʘ
2- Physics	A. Eluda
3- Chemistry	Y.Kamal
4- Geology	M. A Khl
5- Faculty Requests	Ahismeii'

16.3.2012

Academic Year 2012/2013			Term(2)	
Course	Code	Hours	Degree	Grade
Research and Essay	C000	2	180	Excellent
Computing Theory	M438	2	166	Very Good
Computer Network	M437	3	227	Very Good
Advanced Computer Language	M3312	3	259	Excellent
Real Analysis	M312	3	245	Very Good
Principles of Statistics and Probability1	M248	2	144	(Good)
Term Rare: 81.4%			Grade: Very Good	
Accumulated Rate: 77.6%			Grade: Very Good	

Total degree of the student: 11019/14200 (Only eleven thousand and nineteen Marks).
With Percentage: 77.6%
General Grade: Very Good

The Faculty Certifies that Mr. **Mohamed Hassan Sadik Behiry.**
has got the degree of B.Cs, In Pure Mathematics and Computer Science In May 2013 .
with percentage 77.6% .
general grade: Very Good.
This Certificate has been issued upon his request to be submitted To Whom It May Concern.

Student Affairs   Vice Dean   Dean
Eman   Ahismuel
Notes: Abou Elmaged
1- the faculty works with the credit hour system.
2-Term Rate =Sum degrees/No. of Hours
3-Accumulated Rate=Sum Terms rate/No of terms Hours.
4-Scientific observer means that the student holds a Accumulated Rate of less than 60%.

Ministry of Interior

Sector of Public Security
General Directorate of Forensic Evidences Investigation
Directorate of Computer

وزارة الداخلية

قطاع الأمن العام
الإدارة العامة لتحقيق الأدلة الجنائية
إدارة الحاسب الآلي

صحيفة الحالة الجنائية
Criminal Record

١١١ ٠١٩٧٢٣٣

Personal Data :

Personal Photo

محمد حسن صديق بحيرى	الاسم الرباعي Full name
ذكر	النوع Sex
الرقم القومي	٢٩٣٠٣١٧١٧٠١٦٩٦	إثبات شخصية / جهة الإصدار ID NO/From
كفر العرب البحرى مركز تلا	محل الإقامة Address
الجامعة المصرية للتعلم الإلكترونى الأهلية	الجهة المقدم لها والغرض Presented To & purpose
٠AV٠٠١A١٧٤٠١٢١٤٢٧٦٧	رقم الصحيفة Transaction no
نجاح محى الدين محمد	الموظف المسئول Responsible Employee	٢٠٢٠-١٢-١٤	تاريخ الاصدار Date of Issue

Result of Inspection

لا توجد له أحكام جنائية مسجلة

Left Hand Fingers أصابع اليد اليسرى	Right Hand Fingers أصابع اليد اليمنى

إيهام أيسر
L. Thumb

إيهام أيمن
R. Thumb

1- The record is valid for 3 months from the date of issue.
2- The record is to be submitted for the purpose & to the entity specified herein.
3- Price of Paper (27) Pounds + The Police Stamp (15) Pounds * Total (42 Pounds).

١- مدة سريان الصحيفة ثلاثة أشهر من تاريخ إصدارها.
٢- لاتسري هذه الصحيفة إلا للغرض الذى استخرجت من أجله وللجهة المقدمة لها.
٣- رسم الصحيفة (٢٧) جنيه + طابع شرطة (١٥) جنيه + الاجمالي (٤٢ جنيه).

Dear prof/,

I am writing this reference at the request of **Mohamed Hassan Behiry**, who is applying for Teaching Assistant in your university. My relation with Mohamed as a supervisor and a scientific guide.. Mohamed did his internship with me and I found him to be a pleasure to work with as well as a dynamic force in the classroom. He is extremely organized and very dedicated to his work. Also, during this time Mohamed has showed himself as a promising young specialist and researcher.

During this time Mohamed, has showed himself as a promising young specialist and researcher. His major specialization is Applied Mathematics and Computer Science, but as an exception for academic achievements, Mohamed was allowed by our faculty to write his master degree thesis in the field of quantum computer under title of master "new quantum image encryption algorithms".

We worked on a research paper published in IEEE under title " quantum image encryption based on scrambling – diffusion (SD)approach". I would strongly recommend him as your next computer science teaching assistant.

If you have any questions or need more information,

Please feel free to call me at 02-01000702253 or email me at <a.rahiem@gmail.com>.

Sincerely Yours,

Prof/Ahmed Abd El-Rahim

Associate professor of computer science

Faculty of Science - Menoufia University

Prof/Mohamed Tawfik

Dean of faculty of Science –
Menoufia University

Dear prof/,

I am writing this reference at the request of **Mohamed Hassan Behiry**, who is applying for Teaching Assistant in your university. I have known Mohamed for seven years; he attended to my classes in the period 2009-2013. I found him to be a pleasure to work with as will as a dynamic force in classroom. He is extremely organized and very dedicated to his work. Also during this time Mohamed, has showed himself as a promising young specialist and researcher.

After obtaining his B.Sc in pure Mathematics and Computer Science, Mohamed was allowed by our faculty to write his master degree thesis in the field of quantum computer under title of master "new quantum image encryption algorithms" under my supervision. Currently he register his PHD under the title "Quality Control Improvement using IIOT and Swarm Optimization"

Mohamed is attending to my seminar regularly and he is able to deploy a strong rapport with students almost immediately.

I found him dedication and reliability to be invaluable throughout the academic year. I would strongly recommend him as your next computer science teaching assistant.

If you have any questions or need more information,

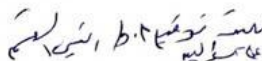Please feel free to call me at 02-01002710125or email me at <mohamed_amin110@yahoo.com.

Sincerely Yours,

Prof/Mohamed Amin Abd El-wahed

14-8-2018

Professor of computer science

Head of pure Mathematics and computer science Department

Faculty of Science - Menoufia University

Prof/Mohamed Tewfik Shaban

Professor of Microbiology

Dean of   Faculty of Science

Menoufia University

شهادة خبرة وتقدير

الي من يهمه الأمر...

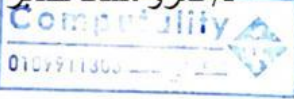تّشهد ادارة شركة حوسبة للبرامج والتدريب ComputalityiT
بأن السيد/ محمد حسن صديق بحيري

قدعمل لدينا بوظيفة مصمم مواقع وجرافيك بالاضافه الي العمل بقسم التدريب والتطوير من تاريخ 3-10-2010 الي تاريخ 18-10-2014 وقد كان يتميز بسرعة الاداء وانجاز المهام الموكله له بكل امانه واتقان بما يمتلكه من كفاءة وحس المسؤولية وكان متعاونا مع زملائه ويعمل ضمن روح الفريق الواحد.

ونتمنى له دوام التوفيق والابداع في كل سيرته المهنية القادمة

وتقبلوا فائق الشكر والاحترام

يعتمد
مدير الشركة

د/عمرو مسعد صابر

References

1- Dr/Amr Mausad associate professor *Department of Mathematics and computer science, Faculty of Science, Menoufia University. Manager of computalityiT company* www.computalityit.com 01009911303

2- Eng/ Mohamed Enab manager of pear Academy 01013298498

3- Prof/sozan abo elenen dean of future academy HISS 01121617624

4- Prof/Mohamed Amin abd-Elwahed Professor of Computer Science , Head of Mathematics and computer science Department Faculty of Science, Menoufia University

5- https://ieeexplore.ieee.org/iel7/7786294/7802940/07802954.pdf

6- *My master thesis in public media and TV interview*: https://www.elmwatin.com/171097