



ID: 98587
NordSecMob application 2015
Application form

PERSONAL INFORMATION

Last name (Surname/family name) Shehata	First names (as in your passport) Samy
Date of birth (dd.mm.yyyy) 09.02.1993	I have a dual citizenship -
Country of citizenship Egypt	I have Finnish social security number -
Personal identification number -	Mother tongue Arabic
Gender Male	Passport number A09082624

CONTACT INFORMATION

E-mail address samy.s.shihata@gmail.com	Phone number 01095357548
Street address 257 Gamal Abd El Naser st Miami Alexandria	Zip/postal code 21111
City Alexandria	Country Egypt
Person to be contacted in case of need (name, email and phone number) -	

FIRST BACHELOR'S OR MASTER'S DEGREE OBTAINED

Country of institution Egypt	Name of institution German University in Cairo
Degree Name Bachelor of Computer Science and Engineering	English Translation of Degree Name Bachelor of Computer Science and Engineering
Degree level Bachelor degree	Have you completed your degree program? Yes
Graduation date 31.07.2015	Duration of your degree program according to curriculum 5 years
Year when you began your studies 2010	Student number 22-3798

Major subject Computer Science	Language of instruction English
Cumulative grade point average 0.89/0.7	Professor in charge of the major subject studies -
E-Mail address of the professor in charge of the major subject studies -	Title of thesis / final project Emotion Recognition: Supervised Classification of EEG Signal
State / province of institution Cairo	Street address of institution New Cairo City . Main Entrance El-Tagamoa El-Khames
Zip/postal code of institution 13411	City of institution Cairo
Phone number of institution (include country and area code) +202 27589990	Fax number of institution (include country and area code) +202 27581041
E-mail address for the university registrar or office of student services scad@guc.edu.eg	Official website of institution http://guc.edu.eg/

OTHER UNIVERSITY-LEVEL DEGREE

Have you completed a second relevant degree of higher education?

No

TARGET PROGRAMME

Master's Programme in Security and Mobile Computing (NordSecMob) You may select up to 12 study tracks, see http://nordsecmob.aalto.fi/en/programme/study_programme/. Please do not select the same study track more than once. Select only those study tracks (in order of priority) that you are interested in and you are willing and able to follow. Note that the choice or number of study tracks does not influence student selection i.e. no student is rejected due to his/her choice of study track.

Target programme Master's Programme in Security and Mobile Computing (NordSecMob)	1st wish for study track Aalto + NTNU
2nd wish for study track -	Additional comments concerning your choice of study track -

PREVIOUS STUDIES AT Aalto / KTH / DTU / NTNU / UT

Have you studied or are you studying at Aalto / KTH / DTU / NTNU / UT?

No

ENGLISH PROFICIENCY

IMPORTANT: Check the admission criteria and the required language certificates at http://nordsecmob.aalto.fi/en/for_applicants/admission_and_language_criteria/

English proficiency [x] Language test: IELTS	Date of the language test 08.11.2014
IELTS TRF number 14EG006038SHIS001A	Language test result Overall 8, Writing 7

MOTIVATION LETTER**Motivation letter (max. 4000 characters)**

I would like to express my wish to join the Master's Program in Security and Mobile Computing. Allow me to provide some information that may further support my application. I am currently a senior Computer Science and Engineering student at the German University in Cairo. My interest in computer science began with learning C at the age of twelve, followed by other languages such as C++, visual basic. I mainly practiced on small projects for my own use.

Following high school, I decided to follow a career in computer science. I was offered a partial scholarship to join the Bachelor Program in Computer Science and Engineering of the German University in Cairo. I am currently in my senior year and expected to graduate next semester with highest honors. I am currently ranked the second top student of my class with GPA: \$0.89/0.7\$. My chosen study track covered courses of Computer and Network Security, Machine Learning, Knowledge Representation and Reasoning, First Order Logic, Analysis and Design of Algorithms and Declarative and Functional programming. I also included some general courses such as Software Engineering and Computer Graphics. During my study, I attended several extra-curricular courses and workshops abroad such as the CHR workshop 2013 in Berlin. These trips were funded by my university as a reward of academic excellence. Finally, I did my Bachelor Project during my stay in Augsburg university as an exchange student, under the supervision of Prof. Dr. Elizabeth Andre. My Thesis was titled the Emotion Classification: Sentimental Analysis over EEG. My stay there was also funded by my university.

I was involved in several internships relating to web development, including a website for the university itself. I have also done internships with Intel Egypt Corporation and The Augsburg University HCM lab. Currently, I am part of an effort to start an Artificial Intelligence research group in the German University in Cairo, in which I am mainly responsible of Machine Learning and Data Mining research. While I have tried to gather a diverse experience in the fields of computer science, networking and security have recently become my main focus. With the sheer abundance of information across the net, vulnerable systems and crackable networks are more dangerous than ever. Furthermore, new systems must be able to handle unprecedented traffic stress with the scale of user bases continuing to increase exponentially. Today, all fields demand systems that guarantee reliability, security and scalability.

In addition to university courses, I have strived to increase my knowledge with the field in several ways, including covering cryptography courses offered by Coursera.com. In order to gain the necessary knowledge base and research skills for me to pursue a career in networks security, I decided to take a Master's program in systems security and networking. After reviewing the top universities that offer such a program, I find the NordSecMob program most suited to my goals. The program's connection to some of the most prestigious educational institutions in Europe guarantee high standards of education. Also, having gone over the list of publications made throughout the program, it is clear that the program is research directed, encouraging true contributions to the field. Regarding the content of the program, I am most interested in the Information Security and Cryptography foundations specializations.

In conclusion, I would like to point out that I am a hard working student, passionate, eager to learn and will be happy to share my passion towards the fields should I be given the opportunity to join this program. I believe that I will truly benefit from such an opportunity and in return I would be able to be of benefit to the scientific and research community.

ERASMUS MUNDUS SCHOLARSHIP

See http://nordsecmob.aalto.fi/en/for_applicants/scholarships_and_fees/

I want to apply for Erasmus Mundus or other NordSecMob scholarship.

Yes

I want to apply to NordSecMob as a self-funded student

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OTHER INFORMATION

How did you first find out about NordSecMob Internet, which site?	Please, specify your answer http://eacea.ec.europa.eu/erasmus_mundus/
Have you previously applied for the NordSecMob programme? No	I consent to my contact details being used for education-related marketing purposes Yes
I consent to Aalto publishing my name on its website if I am accepted Yes	

APPLICATION TERMS

Read the application information at http://nordsecmob.aalto.fi/en/for_applicants/.

I have read the application information at http://nordsecmob.aalto.fi/en/for_applicants/ and I am aware of the admission criteria and application process. I certify that all information provided in this application is true and accurate. I agree that Aalto can verify any information I have provided in this application. I understand that the university reserves the right to change or reverse any decision made on the basis of incorrect or incomplete information and that attempting to obtain admission using falsified documents is illegal. I understand that the university will use e-mail as the only method to contact me and I am responsible for notifying the university of any changes in my e-mail address during the whole application process.

SIGNATURE

_____ / ____ 20__ Signature

Date