

CV

Personal Information

Name : Mohannad Ehab Hasan Aly Barakat
Age : 16 Years
Gender : Male
Cell Phone : (+2) 011-433-37069
Email : hannod98@yahoo.com
Grade : Third grade, secondary level

Organization Membership

- Nectar foundation
- Head of Academic comity in Egyptian Society for Astronomy (ESA) in Alexandria
- Secretary of higher committee for scientific research in Alexandria
- Bibliotheca of Alexandrina
- New Scientist Group

Education

Former School

School	From	To
• Zahraa Elamdina Privet School	2005	2012
• El Abasia Military Secondary School	2013	Current

Courses

Computer science

Course Title	Organizer	Level	Status
Python	On Coursera	---	DONE
Processing	On Processing.org	---	DONE
Programming C	Notions center	1,and2	DONE
ICDL	Ministry of	Complete	DONE

	Defense	package	
Programming C++	online	1	DONE

Engineering			
Course Title	Organizer	Level	Status
Electronics	Task center	1,and2	DONE
Robotics	Task center	1,and2	DONE
Labview	IEEE		DONE
Matlab	By IEEE and an Engineer	1	DONE
Machin learning	Online		in progress
Hidden Markov Models (HMM)	Online		in progress
Speech recognition	Online		in progress
signal analyzing	Online		in progress
Artificial Neural network (ANN)	Online		in progress
Astronomy			
Course Title	Organizer	Status	
Attend a lot of presentations	Egyptian Society for Astronomy (ESA)	DONE	
Have training about astronomical observations		DONE	
Read all the astronomical books at YB (young people library at Bibliotheca of Alexandrina) and some more books from Nasa		DONE	
Language			
Course Title	Organizer	Level	Status
English	Ministry of Defense	1,2,3,4,5,6,7,and8	DONE
German	Ministry of Defense	1,2,3,4,and5	DONE
Others			

Course Title	Organizer	Status
Presentation skills	Bibliotheca of Alexandrina	DONE
Scientific Research methodology	Bibliotheca of Alexandrina & Technology Development Center	DONE
Summer course	Bibliotheca of Alexandrina	DONE

Scientific activates			
Conduct coerces and workshops in astronomy			
Coerces		Workshops	
Conduct presentations in different schools (public and privet) and in Resala organization(in progress)		Conduct different on-side(hands on) training nights about moon observations & Telescopes types	
Scientific competition			
Intel ISEC-Arab			
Participations	Date	Location	Awards
Competitor	2015	At Bibliotheca of Alexandrina	First category Embedded systems (EBED)
			Special award from Abdul Hameed Shoman foundation
Intel ISEF-Egypt			
Participations	Date	Location	Awards
Competitor	2011	At Bibliotheca of Alexandrina	Get Best Group (for under age)
	2014		-----
	2015		Third category Electrical and mechanical engineering(EE)
Visitor	2009,and2010	At Bibliotheca of Alexandrina	

Volunteer	2012,2011, 2013, 2014, and 2015	AT Technology Development Center & Cairo final fair	
Events			
Events	Date	Participations	
NAMES (North Africa and Middle East Science centers network)	2008	Participant	
Science Festivity	2009,and 2008	Participant	
The Earth Day	2009 , 2008,and 2012	Participant	
Science Festivity	2010	Visitor	
The Earth Day	2010,and 2011	Visitor	
You Teach	2012	Visitor	
Tedx	2012	Visitor	
Eratosthenes	2011,2012, 2013,and 2015	Participant	
EED(Egyptian Engineering Day)	2011,2012,and 2013	Visitor	
ROV	2014	Visitor	

Hobbies	
scientific	
Writing an astronomy book	Programming
Computer science	
Social	
Camping	Kung Fu
Swimming	