

Islam Faisal Muhammad Ibrahim Abdelrasoul

Mailing Address

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OBJECTIVE

Seeking a summer internship in software development or a summer research program in mathematics and/or computer science where my computational and mathematical skills can be utilized and developed.

EDUCATION

The American University in Cairo, Egypt *September 2013 - Present*
Bachelor of Science
Double major in Computer Engineering & Mathematics
Dean's List
Current GPA: 3.969/4.0

Kafr El-Zayat High School for boys, Egypt *2010 - 2013*
High School
Top Ranked Student Nationwide

WORK EXPERIENCE

Microsoft Research *July – August 2015*
Advanced Technology Lab Cairo *Summer Intern SDE*

- Text-dependent Speaker Verification

Nile University, Egypt *June – August 2014*
Ubiquitous & Visual Computing Group, Center for Informatics Science *Summer Trainee*

- C++ software development, machine learning, classification, clustering, ensemble methods

WORK-STUDY EXPERIENCE

The American University in Cairo
Undergraduate Teaching Assistant

- MACT 2131 - Discrete Mathematics *Fall 2015*
- MACT 2123 - Calculus III *Spring 2015*
- CSCE 2201 - Data Structures and Algorithms *Fall 2014*
- MACT 1122 - Calculus II *Spring 2014*
- CSCE 106 - Fundamentals of Computer Science *Fall 2013, Spring 2014*

University Academic Computing Technologies *October – December 2013*
Trainee

- Created database structures using MS SQL
- Developed simple web forms

SKILLS

- *Advanced: C/C++, Object-Oriented Programming, Calculus, Genetic Algorithms*
- *Intermediate: C#, L^AT_EX, Weka, Machine learning, Algorithms and problem solving, Software Engineering, Speaker Verification, HTK*
- *Beginner: GNU Octave, Maple, HTML, PHP/MySQL, Java*

COMPETITIONS AND CONFERENCES

- Genetic and Evolutionary Computation Conference, Spain 11–15 July 2015
Black-Box Optimization Competition
- ACM Egyptian Collegiate Programming Contest, Alexandria, Egypt 7–8 October 2014
- Optimization of loop headers by genetic algorithms
High school research project
 - Intel Science Competition - Arab World 2013, Amman, Jordan 26–29 October 2013
 - Intel Bibliotheca Alexandrina Science and Engineering Fair 2013, Egypt 9–11 March 2013

GRANTS

- *Undergraduate Travel Grant UG#1504427*
- *Undergraduate Research Mini Grant UG#1404292*
- *Public Schools Scholarship, The American University in Cairo*
Full-tuition undergraduate scholarship

ACADEMIC AWARDS

- *Dean's List* 2013 - Present
- *Top Ranked Student Nationwide* July 2013
Egyptian High School Certificate
- *Intel Excellence in Computer Science Award* March 2013
Intel Foundation
Intel Bibliotheca Alexandrina Science and Engineering Fair 2013

CO-CURRICULAR MINI-PROJECTS

- MACT 2131: Discrete Mathematics* Spring 2014
Evolving fuzzy logic expressions by genetic programming
Supervisor: Dr. Wafik Lotfallah
- CSCE 2303: Computer Organization & Assembly Language Programming* Spring 2014
Team Project: MIPS disassembler and simulator
Team Project: Cache simulator

EXTRACURRICULAR ACTIVITIES

- The Insider AUC* February 2015 - Present
Arabic Managing Editor
- Computer Science and Engineering Association* October 2013 - May 2015
Academic Committee Member
- KZ High School Tech-Club* 2011 - 2013
Founding Chair