



## Badr AlKhamissi

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## Education

### **AMERICAN UNIVERSITY IN CAIRO, CAIRO, EGYPT - BACHELOR OF SCIENCE, SEPTEMBER 2014 - PRESENT**

Expecting to graduate in June 2018. Current Cumulative GPA 4.0. Majoring in Computer Science with additional coursework in Engineering and the Humanities.

### **STONY BROOK UNIVERSITY, NEW YORK, UNITED STATES - SEMESTER ABROAD, FALL 2016**

Studying abroad for a semester during Fall 2016 in SBU.

### **MANOR HOUSE SCHOOL, CAIRO, EGYPT - JUNE 2014**

International General Certificate of Secondary Education - Advanced Levels in Computing, Mathematics and Arabic (A\*, A, A) and Advanced Subsidiary Levels in Physics and Chemistry (A, A).

## Experience

### **SDE INTERN, MICROSOFT ADVANCE TECHNOLOGY LAB IN CAIRO, CAIRO, EGYPT - JANUARY 2016**

Working with the Microsoft's Language Understanding Intelligent Service (LUIS) team for a month .

### **UNDERGRAD TEACHING ASSISTANT, AMERICAN UNIVERSITY IN CAIRO, CAIRO, EGYPT - SEPTEMBER 2015 - JUNE 2016**

Assist instructor of Programming Fundamentals class in setting the syllabus, designing exams, grading assignments and projects. Hold regular office hours to help students.

### **SDE SUMMER INTERN, MICROSOFT ADVANCE TECHNOLOGY LAB IN CAIRO, CAIRO, EGYPT - JUNE 2015 - AUGUST 2015**

Designed and implemented a feature: Application importing and exporting for Microsoft LUIS.

## Skills and Awards

### **LANGUAGES SPOKEN**

Native Arabic Speaker, Fluent in English. Basic understanding of French.

### **PROGRAMMING LANGUAGES**

**Proficient:** C++, Swift, JS, Java, C#, Python, SQL, Matlab, HTML and CSS

**Prior Experience:** Objective-C, Visual Basic, PHP and Verilog

### **TECHNOLOGIES**

**Proficient:** iOS Development, AngularJS, Processing, Matlab/Octave, SFML, Xcode, Visual Studio, Eclipse and Git

**Prior Experience:** Windows Phone Dev, Unity, Arduino, Microsoft.NET, Ruby on Rails, LiveCode, Xilinx, QT and Final Cut ProX

### **AWARDS**

High Achiever in Cambridge AL Computing. Dean's list Fall 2014, Spring 2015, Fall 2015, Spring 2016, Fall 2016 and Spring 2017. Academic achievement Scholarship. Common Reading Program Essay Contest - Second Place. High Achiever in CS1101 Course in AUC. Abdallah Jum'ah study abroad scholarship. Best Junior award in Stony Brook ACM Regional Qualification Contest.

# Projects

## WEB DEVELOPMENT

**Korastak.com:** Developed and designed a website that allows students of my university to share their notes and documents with others in a simple way.

**ARM Thumb Assembler/Simulator:** Developing an assembler and simulator of the ARM Thumb ISA under the supervision of the Assembly and Computer Organization professor in AUC, so students taking the course can use it for their assignments and projects.

## DESKTOP APPLICATIONS

**Photo Generator:** Generating a collage from a set of different photos

**Tom the Thief:** 2D Maze Game using SFML C++

## MOVIE

**Director of Documentary:** "The Cairo of each one of us." Film screened in Cairo Film Festival for Children.

# Activities and Volunteering

## ACADEMICS COMMITTEE HEAD, COMPUTER SCIENCE AND ENGINEERING ASSOCIATION, CAIRO, EGYPT - SPRING 2017

Head of the academics committee, responsible for organizing academic events and workshops.

## ORGANIZER, CREATIVE CODING CAIRO, CAIRO, EGYPT - JULY 2016 - PRESENT

Co-Founded Creative Coding Cairo under FabLab Egypt. Organize monthly meet ups for the community.

## COMPETITOR, ACM, ALEXANDRIA, EGYPT - NOVEMBER 2015

Competitor in the 2015 Egyptian Collegiate Programming Contest (ECPC).

## ORGANIZER, COMPUTER SCIENCE AND ENGINEERING ASSOCIATION IN AUC, CAIRO, EGYPT - FALL 2015 - SPRING 2016

Member in the academic and entertainment committees, assist in organizing workshops, sessions and talks related to different fields in Computer Science and Engineering. Organize trips and events for the CSCE department at AUC.

## ORGANIZER, ASTRONOMY CLUB IN AUC, CAIRO, EGYPT - FALL 2014

Member of the academic committee in the astronomy club, assisted in the organization of the 2nd Astronomy Conference in AUC.

## VOLUNTEER, DOUM CULTURE FOUNDATION, CAIRO, EGYPT - SEPTEMBER 2012 - MAY 2016

Developed a Database System for the Organization using MS Access VB and SQL. Sending HTML emails for Doum's News-list. Managing their website and their digital presence. Volunteer in organizing some of their workshops and cultural events.

## DELEGATE, CISV, PARIS, FRANCE - SUMMER 2010

A member of the Egyptian delegation who participated in organizing a summer camp in Paris, basing activities on 4 educational pillars; diversity, conflict resolution, sustainable development and human rights through experiential learning.

## JURY OF LONG AND SHORT FILMS IN CAIRO INTERNATIONAL FILM FESTIVAL FOR CHILDREN, EGYPT - 2007,2008,2010

A member of the children jury delegation of long and short films, our role was to select a winner for each prize in the film festival.