

# BASSEL EL MABSOUT

SOFTWARE DEVELOPER

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## Objective

Seeking a full-time or part-time job in the field of computer science as a researcher.

## Education

### American University of Beirut (AUB)

Bachelor in Computer Science

**2012-2015**

Graduation Date: June 2015

Technical Electives Taken: Numerical Computation, Artificial Intelligence, Digital Media Programming

Major required courses average: 88, Overall average: 77.85

### City International School (CIS)

Lebanese Baccalaureate in Life Sciences

**2009-2012**

### International College (IC)

Lebanese Brevet

**1996-2009**

## Experience

### CCT International

Software developer

\_\_2015-2017 Working on CCT's C3D software, a leading 3D-based construction project control application.

Technologies used:

Git, Java, Jira, Jenkins and SQL

### AUB

Graduate Research Assistant

\_\_2016-2017 Working as a researcher on my neural networks/swarm systems paper

Technologies used:

Haskell, Latex, Octave, Git, Github

## Projects

### Innovation

Digital Media Programming

A project that immerses the user in a better 3D experience using 2 infrared cameras as well as 3D glasses.

### RoomCast

Software Engineering

An application which allows the sharing of media to nearby individuals and estimates their location relative to the user.

### Personal

Coursera's machine learning specialization(avg 94.2%), Project Euler(4th in Lebanon), Hackerrank, physics engines, Blog, ReadablePlusPlus(lang) ...

## Technical (Ordered by familiarity)

### Markup Languages

HTML, CSS,  
Markdown, Latex

### Frameworks

Tensorflow,  
OpenFrameWorks and  
Processing

### Programming Languages

Java 8, Haskell, SQL,  
C/C++,  
Matlab/Octave,  
Python, Bash, Glsl,  
Clojure, F#, C#

## Tools

NixOS	Git	ArchLinux
ANTLR	Makefile	Sublime Text
XMonad	Vim	Intellij
Maven	Arduino	Windows
Autocad	Photoshop	Microsoft Office

## Soft Skills

**Languages: English(fluent), Arabic(fluent), French(average).**  
**Team Management: Familiar with scrum, experience with multiple teams.**

## Efforts

**ACM**  
 Won 4th place in ACM LCPC **2014**

**AUB**  
 Won 1st place in AUB's Annual Science, Mathematics and Technology fair **2011**

**MUN**  
 Participated in Model United Nations **2010**

## Hobbies

**Sports**  
 Football, Ski, Squash, Ping Pong

**Leisure**  
 Remote Controlled Vehicles, Playing Piano