

# 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 Internation School (CIS)

Lebanese Baccalaureate in Life Sciences

**2009-2012**

### International College (IC)

Lebanese Brevet

**1996-2009**

## Experience

### Consolidated Contractors Company

Software developer

**2015-Present**

Working on CCT's C3D software, a leading 3D-based contruction project control application.

Technologies used:

Git, Java, Jira, Jenkins and SQL

### AUB

#### Graduate Research Assistant

**2016-Present**

Working as a researcher on my neural networks/swarm systems paper

Technologies used:

Latex, Haskell, 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

I have solved prolems on project euler (4th in Lebanon), hackerrank, worked on physics and particle engines, a programming language called Readable Plus Plus and took coursera's machine learning course.

## Technical

### Programming Languages

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

### Markup Languages

HTML, CSS, Markdown, Latex

### Frameworks

OpenFrameWorks and Processing

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<b>Tools</b>	ANTLR Makefile Visual Studio Autocad Arduino	Git Sublime Text IntelliJ Photoshop Shell	Maven Vim Linux/Windows Microsoft Office Tiling window managers
<b>Soft Skills</b>	<b>Languages:</b> English(fluent), Arabic(fluent), French(average). <b>Team Management:</b> Familiar with scrum, experience with multiple teams.		
<b>Efforts</b>	<p><b>ACM</b> Won 4th place in ACM LCPC <b>2014</b></p> <p><b>AUB</b> Won 1st place in AUB's Annual Science, Mathematics and Technology fair<b>2011</b></p> <p><b>MUN</b> Participated in Model United Nations <b>2010</b></p>		
<b>Hobbies</b>	<p><b>Sports</b> Football, Ski, Squash, Ping Pong</p> <p><b>Leisure</b> Remote Controlled Vehicles, Building Robots</p>		

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Github: bmabsout