

# BASSEL EL MABSOUT

SOFTWARE DEVELOPER

bme11@mail.aub.edu  
(961) 70-975965

## 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 construction 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 problems 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, GLSL, Clojure, F#, C#

### Markup Languages

HTML, CSS, Markdown, Latex

### Frameworks

OpenFrameworks and Processing

---

## Tools

ANTLR	Git	Maven
Makefile	Sublime Text	Vim
Visual Studio	IntelliJ	Linux/Windows
Autocad	Photoshop	Microsoft Office
Arduino	Shell	Tiling window managers

---

## 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, Building Robots

---

Github: [bmabsout](#)

---