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

CCT International

Software developer **2015-2017**

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 **2016-2017**

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

Technologies used:

Haskell, Latex, Octave, Git, Github

Projects

Innovasion

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

Markup Languages

HTML, CSS, Markdown, Latex

Frameworks

Tensorflow, OpenFrameWorks and Processing

Programming Languages

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

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