

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 (8th 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

Tools	ANTLR Makefile Visual Studio Autocad Arduino	Git Sublime Text IntelliJ Photoshop Shell	Maven Vim Linux/Windows Microsoft Office 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 Leisure Remote Controlled Vehicles, Building Robots		

Github: bmabsout