

Ebrahim Karam

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EDUCATION

American University of Beirut, Hamra, Beirut, Lebanon

BE in Electrical and Computer Engineering

Sep 2013 – Sep 2017

Minor In Mathematics and Bio-medical Engineering

Cumulative GPA 84.43/100 or 3.56/4.0

Dean's List Fall 2013, Spring 2015, & Fall 2016

Courses Taken

Audio Engineering

Instrumentation

Digital Design

Robotics

Control Systems

Technical English

Data Structures & Algorithms

Embedded Systems

Industrial Engineering

WORK EXPERIENCE

AUB Aerosol Lab, American University of Beirut, Beirut ,Lebanon

Research Engineer

Oct 2017 – Present

Develop and Build Instruments that measure users' puffing behavior

Understand the electrical functionality of new electronic cigarettes.

Technical Support in the Lab

NAR: Next Automated Robot, Beirut Digital District, Beirut ,Lebanon

Software Engineer Intern on the *RavenAI* Project

Jun 2017 – Aug 2017

Integrated GPS into the platform

Worked on the aesthetics and design of the generated report which were written in HTML 5 and CSS3.

Created an interactive map using The Google Maps API. The map allows the user to see the flight path and observations.

Complexity Lab at the University of Barcelona, University of Barcelona, Barcelona , Spain

Technical Support

Jun 2016 – Jul 2016

Worked on the development of the "Xarxes de col·laboració a la UB" project. The project allows to see which professors have coauthored together.

Maintained the Server on which the WebApp ran on.

Improved Python Notebooks to make them more "playful"

PROJECTS

Click-able

Lebanon Protests: Contributed to website that showed the location of all Lebanese protests in the country and abroad.

BeirutByByte: A project in collaboration with SAWA that makes the Teachers job in overcrowded classrooms easier.

Lebanese Bus Routes which was then incorporated into the Bu Map Project

Lebanon District D3 Map: The Map shows the different governorates, Districts and Villages in Lebanon along with their names in Arabic and Latin.

SKILLS

Programs: L^AT_EX, MatLab, Mathematica, LabView, Ubuntu, Bash, Sony Vegas Pro, GIMP, Microsoft Code, Google Apps Such as Drive and forms, SharePoint.

Programming Languages: C++, C#, Python, HTML5, CSS3

LANGUAGES

English: Native language.

Arabic: Fluent (speaking, reading, writing).

French: Intermediate (reading); basic (speaking, writing).

AWARDS & SCHOLARSHIPS

Ranked 3512 in Google Hash Code 2019 (TheLastMinuteGuys)

Feb 2019

Ranked 2103 in Google Hash Code 2018 (Johnny Cache)

Mar 2018

1st Prize in the BDD Intern Competition for Sustainable Development (BDD Bus)

Aug 2017

1st Prize in the Beirut StartUp Weekend by TechStars (AI Advisor Team)

Oct 2017

1st Prize in OurMena Hackathon competition (Vany Team)

Mar 2017

Julia Ziadi Scholarship and Khalil Malouf Memorial Endowed Scholarship

Oct 2016-May 2017

2nd place in the App development contest by AUB plus


Mar 2015

Ranked 118 out of 2,477 Teams in the IEEEExtreme 9.0

Oct 2015

✿ Degrees, Certificates, and Recommendation letters

USEFUL LINKS
Click-able

 **GitHub** *EbrahimKaram*

 **StackOverFlow** *ebrahim-karam*

 **YouTube Channel** *EbrahimKaram*

 **Google Scholar**