Ebrahim Karam

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EDUCATION

American University of Beirut, Hamra, Beirut, Lebanon

- BE in Electrical and Computer Engineering   Sep 2013 – Jul 2017
  - Minor In Mathematics and Biomedical 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

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

- Embedded Systems "Smart Coffee Machine": A smart coffee machine that let you order Coffee online.
- Windows Application "IsItPrime?": A game based on the users knowledge of prime numbers.
- Foley Sound Library: A library of sounds processed and manipulated to sound like others sounds such as crumbling paper sounding like fire cracking.
- EDC 2.0 Teaser: A compilation of sounds and footages to intrigue the user about the robotics club competition.
- Change Starts from Campus: The dialogue was cleaned and edited since the film was recorded outside .
- Final Year Project "DrAcuLA": An algorithm that relies that gives a new method for localization

SKILLS

Programs: LaTeX, MatLab, Mathematica, ROS, Ubuntu, LabView, Sony Vegas Pro, GIMP, Microsoft Visual Studio, Google Apps Such as Drive and forms, OneDrive.
Programming Languages: C++, Bash,C#, VHDL, Python, HTML5, CSS3

LANGUAGES

- English: Native language.
- Arabic: Fluent (speaking, reading, writing).
- French: Intermediate (reading); basic (speaking, writing).

AWARDS & SCHOLARSHIPS

- 1st place in Our Mena Hackathon competition   Mar 2017
  We developed the buisness model for Vany.
  An app that aims to fix the transportation problem in Lebanon
- 1st place in Startup weekend AI: Beirut edition   Sep 2017-Oct 2017
  AI Advisor that helps students with courses, professors, and the university
- 2nd place in the App development contest   Mar 2015
  Held By the AUB Plus
  The challenge was to develop an Alarm clock app within 6 hours
- Ranked 118 out of 2,477 Teams in the IEEEXtreme 9.0   Oct 2015
  A 24 hour programing competition held by IEEE

USEFUL LINKS
Click-able

❀ **Degrees, Certificates, and Recommendation letters**   ✎ **PortFolio**

○ **GitHub** *EbrahimKaram*   ≦ **StackOverFlow** *ebrahim-karam*

▶ **YouTube Channel** *EbrahimKaram*   in **LinkedIn** *Ebrahim Karam*