

# Roudy Tarabay

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## Profile

I am currently a Masters student in Computer Science at the Lebanese American University. I am interested in Web development, particularly front-end development and charting using d3.js.

## Education

- 2016– **M.S. in Computer Science**, *Lebanese American University*, Byblos.
- 2012–2015 **B.S. in Computer Science**, *Lebanese American University*, Byblos, *CGPA 3.1, MGPA: 3.28*.
- 1997–2012 **Lebanese Baccalaureate, Life Sciences specialization**, *Collège Notre-Dame de Lourdes-Frères Maristes*, Amchit, .

## Experience

- August 2014 (1 month) **Android Developer Intern**, *Soft Solutions*, Beirut.  
Developed an Android application explaining and demoing several features and components of Android development, providing a quick and handy reference for some of the trickiest parts of Android development for any beginner.
- September 2016 – **Research Assistant**, *Lebanese American University*, Byblos.  
Develop web applications for Bioinformatics tools.

## Languages

- Arabic **Native Proficiency in speaking and writing.**
- English **Full Proficiency in speaking and writing.**
- French **Full Proficiency in speaking and writing.**

## Computer skills

- Platforms Linux, Windows.
- Languages and libraries Experienced in: HTML5, CSS3, PHP, JS, JQuery, D3.js, Python, SQL
- Languages and libraries Familiar with: Node.js, Common.js, Bootstrap.js

## Online Course

**Responsive Web Design Fundamentals**, *Udacity*, Introduces best practices .

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## Projects

### **HSSF Apache POI Java Application for schedule formatting.**

Takes an excel file with a specified format and outputs excel files and sheets with different formats(schedule per week,schedule per professor).

### **TMAPP Android Application.**

An Android Application allowing its users to create activities such as a football game, card game,etc, specifying the time, place and number of participants needed. The created activity is then shown on an embedded Google Map for any other user nearby.

### **Money Management Web Application.**

A web application allowing its user to monitor their income and spending based on their input. It also accepts OFX file and will generate graphs and charts.

### **Endless Runner Game.**

A Basic Endless Runner Game developed in C# using Unity.

### **MENA Region Universities visualization.**

A Web Application that visualizes and compares several aspects of MENA universities performance using D3.js.

### **Lebanese Municipality Elections prototype.**

A Web Application that visualized results and other metrics of the 2016 municipality elections.

### **Class attendance system.**

A Web Application that monitors students attendance using a barcode reader, generating D3 graphs and charts for professors and warning students when their attendance is poor.



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## Activities And Hobbies

- 2011 Lebanese American University Summer Institute.
- 2012-2015 Member of the ACM LAU Club.
- 2012-2013 Member of the ACM Chapter.
- 2012-2015 Member of the LAU Music Club.
- 2015 Participated in Peace Hack Beirut competition

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## Github&Website

 RoudyTarabay  
 roudytarabay.github.io