

# Ahmad Abou Adla

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## EDUCATION

### American University of Beirut (AUB)

*Bachelor's Degree in Computer and Communications Engineering*

Beirut, Lebanon

September 2016 - Present

- **Relevant Coursework:** Design & Analysis of Algorithms, Data Structures & Algorithms, Communication Systems, Control Systems, Programming Languages Design & Implementation, Computer Networks.
- **Graduating GPA:** 85.89/100.
- **Dean's Honor List:** Spring 2019.

## EXPERIENCE

### IDM

*Network Operations Center Core Engineering Intern*

Beirut, Lebanon

June 2019 - July 2019

- Learned and simulated different networking protocols and services (OSPF, BGP, MPLS).
- Managed and implemented an interoperability project between Cisco and Nokia Alcatel routers.

### Electrical and Computer Engineering Labs (AUB)

*Lab Assistant*

Beirut, Lebanon

January 2019 - May 2019

- Supported administrative lab services.
- Prepared and assembled lab inventory.
- Organized engineering workshops.

### Innovating Green Technology (start-up)

*Chief Design Officer and Software Developer*

Beirut, Lebanon

December 2017 - January 2019

- Improved the design and efficiency of the temperature control of solar water heaters (PRO-Shield).
- Developed and designed the prototype of an application that connects PRO-Shield to IoT and enables the user to wirelessly monitor and control the system.
- Held meetings with investors and stakeholders.

### MIT Enterprise Forum Arab Start-up Competition

*Finalist*

Muscat, Oman

April 2018

- Reached the final stage of the competition after competing against teams from all of the Arab World.

### Arab Innovation Academy

*Student*

Doha, Qatar

December 2017 - January 2018

- Selected to represent Lebanon in the first iteration of the largest entrepreneurship program in the Pan-Arab region. The Arab Innovation Academy is supported by research and methods developed by top universities and companies like UC Berkeley, Stanford, Google, and Amadeus.

## PROJECTS

- Designed a software to control and simulate an automated teller machine with a GUI using Java. 2019
- Designed an hotel room reservation system using PIC 16F84A and coded in PIC assembly. 2018
- Designed and simulated a simple traffic light controller using VHDL. 2018
- Developed an ECG filter using Matlab. 2018

## AWARDS & SCHOLARSHIPS

- Al-Arab Education Foundation Scholarship (AUB) 2017
- Khalil Barrage Undergraduate Scholarship (AUB) 2017
- Competitive College Club Opportunity Fund (Amideast) 2015
- Diana Kamal Scholarship Search Fund (Amideast) 2015

## CERTIFICATIONS

- Front End Development Track (Udacity) 2019
- Android Enterprise Platform Associate (Google) 2018
- Analytics IQ (Google) 2018
- The Digital Garage Certification (Google) 2018
- Microsoft Innovative Educator Certification 2018
- Bing Ads Accredited Professional (Microsoft) 2018

## TECHNICAL SKILLS

**Programming Languages:** C, C++, C#,  $\text{\LaTeX}$ , Java, JavaScript, HTML, CSS, Scala, Python, Prolog, MIPS.

**Software:** LabVIEW, OrCAD, JetBrains, Visual Studio, Android Studio, Sketch, Unity, Jupyter, GNS3.

**Operating Systems:** Windows, Mac OS, Linux, Unix.