

# Tarek Habbal

Beirut-AUB

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## EDUCATION

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**9/2015 to 5/2019**

**American University of Beirut, Beirut, Lebanon**

Bachelor in Electrical Engineers and Computer with Emphasis on "Power /Energy Systems" and "Hardware Systems". Minor in Applied Mathematics

Graduation: June 2019

FYP: Bike Generating Electricity for Telecommunication Tower

## EXPERIENCE

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**United Group Machinery s.a.r.l., Electrical Engineer, Naameh, Lebanon, 5/2019 till now**

- Experienced advanced automation and machinery using servo motors and vfds
- Designed and constructed electrical panels
- Programmed PLCs and HMI screens

**Br. C.A.T. International Co. Limited, *Trainee*, Dammam, K.S.A., 7/2018 to 8/2018**

- Experienced the process of construction of E&I, C.P., and OHPL
- Familiarized with international and client (Aramco) standards
- Introduced to Companies procurement procedure and code of conduct

**Private Electrical Contracting Company, *Trainee*, Beirut, Lebanon, 7/2017 to 8/2017**

- Practiced basics of automation
- Constructed electrical converter and control between generator and EDL

**EKT, *Trainee*, Beirut, Lebanon ,7/2016 to 8/2016**

- Helped in maintenance of electronics and hardware sector
- Interacted with costumers in selling sector

**ACW, *Trainee*, Beirut, Lebanon,7/2015 to 8/2015 & 12/2015 to 1/2016**

- Constructed the electrical paths for the buildings

## Extracurricular Activities

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- **Insight club:** Managed events with my team.
- Contributed with entrepreneur friend to progress his company "IGTLB"
- Invented highly efficient bike that generates electricity for Telecommunication tower
- Build weather and time zone displaying using TM4C123 Launchpad hardware with a friend, AUB

## Summary Skills

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- **languages:** Proficient in Arabic and English
- **Computer skills:** AutoCAD, Matlab, java, C++, TM4C123, Arduino), Homer, PLC programming
- **Soft skills:** Decision Maker, Problem Solver, Organized, and Creative

## INTERESTS AND HOBBIES

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- Interested in: technology, power electronics, and renewable energy.
- Hobbies: chess, swimming, and parkour