

Ben Ayed, Farah

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EDUCATION

Northeastern University 2021 Sep-Present

PhD in Electronic Engineering in the area of micro and nanoelectromechanical systems

Current CGA : 3.7 out of 4.0

Hong Kong University of Science and Technology (HKUST) 2017 Sep-2021 May

BEng in Electronic Engineering with IT Minor;

Current CGA : 3.2 out of 4.2

EPFL Ecole polytechnique fédérale de Lausanne 2019 Sep-2020 Jan

Exchange student

PROJECTS

Zero-Power Sensors for Large Scale Energy-Smart Farms 2021 Sep – Present

Designed and assembled sensor node

Final Year Project 2020 Sep – 2021 May

Biological signals and Human-Computer Interface application

EMG controlled video game

Nintendo video game 2019 Sep – 2020 Jan

Designed a game using C and assembly language combined with ARM processor

Autonomous robotic car 2017 Sep – 2017 Dec

Designed an electric car that can sense and avoid obstacles

WORK EXPERIENCE

Buzinger SL Spain, Summer internship 2019 Jul – 2019 Aug

Participated in a project related to websites design

EXTRA-CURRICULAR ACTIVITIES

Track and field team, *Active member*

2017 Sep – Present

Cinematopia: *The Film Discussion Group*

2018 Feb – 2018 May

Interact club: Charity association, *Active member*

2015 Sep – 2017 May

LANGUAGE AND SKILLS

Languages: *English and French: Fluent Level*

Arabic: Native

English Proficiency: *IELTS 7 out of 8 (2020)*

Skills: *C++, C, Java, Pascal, Microsoft Office, Eclipse, OrCAD, VHDL design, MATLAB, HTML, CSS, Angular JS, XML Maven dependencies, Embedded systems, Analog and digital design*

Interests: *athletics; traveling; reading,*