

# Nahime Al Abiad

Phd student in Biomechanics  
23 years  
Lebanese

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## Education and qualifications

<b>2019-2022</b> <b>Lyon - France</b>	<b>Phd. in Biomechanics (Gait monitoring using non-dedicated sensors)</b> Univ Claude Bernard Lyon 1, Univ Gustave Eiffel, LBMC
<b>2018-2019</b> <b>Saint-Étienne - France</b>	<b>Master in Biomedical engineering (M.Sc.)</b> École nationale supérieure des mines de Saint-Étienne
<b>2014-2019</b> <b>Tripoli - Liban</b>	<b>Bachelor and Master 1 degree in mechanical engineering.</b> Lebanese University
<b>2011-2014</b> <b>Al-Koura - Liban</b>	<b>General science baccalaureate (équivalent to French baccalauréat)</b> International School Al-Koura
<b>Languages:</b>	<b>Arabic:</b> Native Language <b>English:</b> fluent <b>French:</b> Intermediate (diplôme Delf B1)
<b>Computer skills:</b>	Python (Btk toolkit, image processing), Opensim, Matlab, Vicon nexus, C# programming, AutoCAD (2D+3D), Microsoft Office, Labview, Robot autodesk, Solidworks, Assembly code programming.

## Internships

<b>April-September 2019</b> <b>Toulouse, France</b>	<b>LAAS-CNRS, Falling risks detection during gait</b> Was introduced to Mocap systems and force platforms analyzed gait of normal subjects and Amputees using Opensim and python Published a research paper « A mechanical descriptor of Instability in human locomotion: Experimental findings in Control Subjects and people with Transfemoral Amputation »
<b>August 2018</b> <b>Chekka, Liban</b>	<b>Cimenterie National, diesel engine maintenance sector</b> Learned about diesel engine systems (injection, cooling...)
<b>July 2017</b> <b>Beirut, Liban</b>	<b>Industrial Research Institute, Welding and non-destructive testing (NDT) sector</b> Learned and practiced NDT procedures and welding.
<b>August 2017</b> <b>Chekka, Liban</b>	<b>Etablissement Narciss Frères, Metallic construction Sector</b> Learned about maintenance and preventive maintenance.

## Projects

<b>Nov. 2018-Fév. 2019</b> <b>Saint-Étienne - France</b>	<b>Research on rupture mechanisms of Medtronic hernia meshes</b> Experimental Testing (test bi axial...) Learned about « Digital image correlation »
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## Hobbies

Swimming, jogging, traveling, cycling, and cooking.