

## Louis Riglet



### CONTACT INFORMATION

22/09/1996 (23 Ans)

louis.riglet@ifsttar.fr

06.86.52.69.53

3 rue Nicolai Lyon 69007

Driving Licence

### SKILLS

Python ●●●○

Pack Office ●●●○

Matlab ●●●○

LateX ●●●○

LS-DYNA ●●○○

### LANGUAGES

**French** Native language

**English** Professional

**Italian** Limited

### INTERESTS

Handball

Travel (Finland, Italy, Morocco, Norway, Netherlands, Poland, United Kingdom, Turkey etc.)

Video games

## PhD Student Laboratoire de Biomécanique et Mécanique des Chocs (LBMC)

### EDUCATION

Now	<b>PhD: « Dual Mobility Cup: Mobility and stability »</b> <ul style="list-style-type: none"><li>• Ultrasound Imaging</li><li>• Musculoskeletal model</li></ul>	LBMC 69500 Bron
2017-2019	<b>Master Degree in Biomechanics</b> <ul style="list-style-type: none"><li>• Functional Anatomy &amp; Surgery</li><li>• Structural mechanics</li><li>• Finite Element Method</li></ul>	UCBL Lyon 1 69100 Villeurbanne
2015-2017	<b>2<sup>nd</sup> et 3<sup>rd</sup> years BSC Degree in Physics</b> <ul style="list-style-type: none"><li>• Quantum Mechanics</li><li>• Physical Mechanics</li><li>• Special Relativity</li></ul>	UCBL Lyon 1 69100 Villeurbanne
2014 – 2015	<b>1<sup>st</sup> year of Undergraduate courses to prepare nationwide competitive exams in Sciences</b> <ul style="list-style-type: none"><li>• Mathematics</li><li>• Physics</li><li>• Industrial Sciences</li></ul>	Lycée La Fayette 63000 Clermont-Ferrand
2013-2014	<b>A Level Scientific</b> <ul style="list-style-type: none"><li>• Biology option</li></ul>	Lycée Raoul Follereau 58000 Nevers

### WORK EXPERIENCE

April – August 2019	Internship: « Ex vivo experiments on femurs to assess metastatic bone strength » <ul style="list-style-type: none"><li>• <i>Ex vivo</i> experiments</li></ul>	LBMC 69500 Bron
June-July 2018	Internship: « Characterization and modeling of fascia mechanical properties via bulge test » <ul style="list-style-type: none"><li>• <i>Ex vivo</i> experiments</li><li>• Finite element modelling on LS-DYNA</li></ul>	LBMC 69500 Bron
January-May 2018	Master 1 project: « Stability of veins and arteries under action of turbulent flows » <ul style="list-style-type: none"><li>• Numerical study on FORTRAN</li></ul>	UCBL Lyon 1 69100 Villeurbanne