Address

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67300, Schiltigheim
France

Phone number

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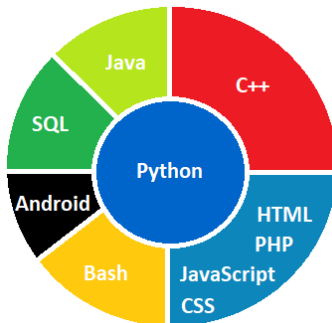
Mail

hlecomte@unistra.fr

Website

hulecom.github.io

Programming

OS Ability

Linux ★★★★☆
Windows ★★★★☆

Languages

French ★★★★★
English ★★★★☆
TOEIC (905)
Spanish ★☆☆☆☆

Driving Licence

Full, clean

Hugo LECOMTE

PhD STUDENT IN GEODESY

Geomatics Engineer

Education

2016 - 2019 **Master's Degree in Geomatics Engineering**
French National School of Geographic Sciences (ENSG)
3rd **year specialisation: Photogrammetry, Positioning and Measurement of Deformations (PPMD)**
Geodesy, Remote sensing, Photogrammetry and Programming
and also Land surveying, GIS, Cartography

2014 - 2016 **Two-year preparatory courses for competitive examination to enter Engineering school**
Grenoble

Professional Experience

10/19 - 10/20 **Research and Development Engineer** IGN
Creation and treatment of time series with Sentinel 1&2 images to classify crop type (Monitoring PAC),
Geodesy instruction (Geodetic reference system: Lecture courses and practical exercises)
Remote sensing - Geodesy - Database - Radar

11/20 - ... **PhD student in geodesy** EOST, University of Strasbourg
Magnetic, gravimetric and geodetic constraints on the dynamics of the fluid core
Gravimetry - Geomagnetism - GRACE

Experience in Geomatics

05/19 - 09/19 **5-months Intership** National Land Survey of Iceland
«Geodesy in a complex environment, Icelandic references frames»
Geodesy - Programming

10/18 - 03/18 **Geodetic programming project** IFFSTAR
«Creation of an automatic computation software for a GNSS network with RTKlib»
Python (PyQt), Bash, Make - GNSS

02/18 - 05/18 **12-week Intership for the Paris Observatory**   **SYRTE and LAREG laboratory**
«**Determination of a high spatial resolution geopotential on coastal area using atomic clock measurements**»
Chronometric Geodesy - Programming (Python, Bash, Fortran)

02/18 - 05/18 **Developpement project**   **ENSG**
«**Design and development of a web site to convert geodetic coordinates and display points networks**»
Geodetic system - Web Programming (PHP, JS, CSS) - Database (SQL)

10/17 - 01/18 **Reasearch project**   **IGN, DPTS laboratory**
«**Calculate the indetermination on the determination of speed on GNSS station which realised the ITRF 2014**»
Geodesy – Python Programming – Least-squares method– BigData

05/17 - 08/17 **Land surveying internship**   **Forcalquier, France**
•**1-week-projects in team of 12**
Remote Sensing – Photogrammetry - Topometry
•**3-week-project in team of 3** «**Evaluate the accuracy of a GNSS receptor**»
GNSS – Fieldwork – Python Programming – GIS

Extra Curricular Activity

2019   **Participation to MyGalileoApp competition**   **ESA**
Development of a inertial computation library for smartphone

2019   **Finalist of the Océan Hackathon 2019 competition**   **Brest**
Detection of green algae over Brittany beaches with Sentinel-2 images

2018-2019   **Small teaching to ENSG students**   **ENSG**
Zotero a tool for bibliography, Least squares and deciphering the salary slip

2016-2019   **Official Representent of students in the school**   **ENSG**

2014   **Youth Leadership Certificate in Holiday Camp (BAFA), France**   **Lyon**
3 years of one-month summer camps