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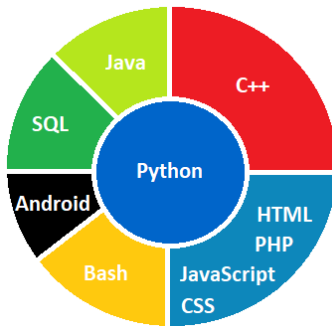
Mail

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 Internship

[National Land Survey of Iceland](#)

«Geodesy in a complex environment, Icelandic references frames»

Geodesy - Programming

10/18 - 03/19 Geodetic programming project

[IFFSTAR](#)

«Creation of an automatic computation software for a GNSS network with RTKlib»

Python (PyQt), Bash, Make - GNSS

- 05/18 - 08/18 12-week Internship 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