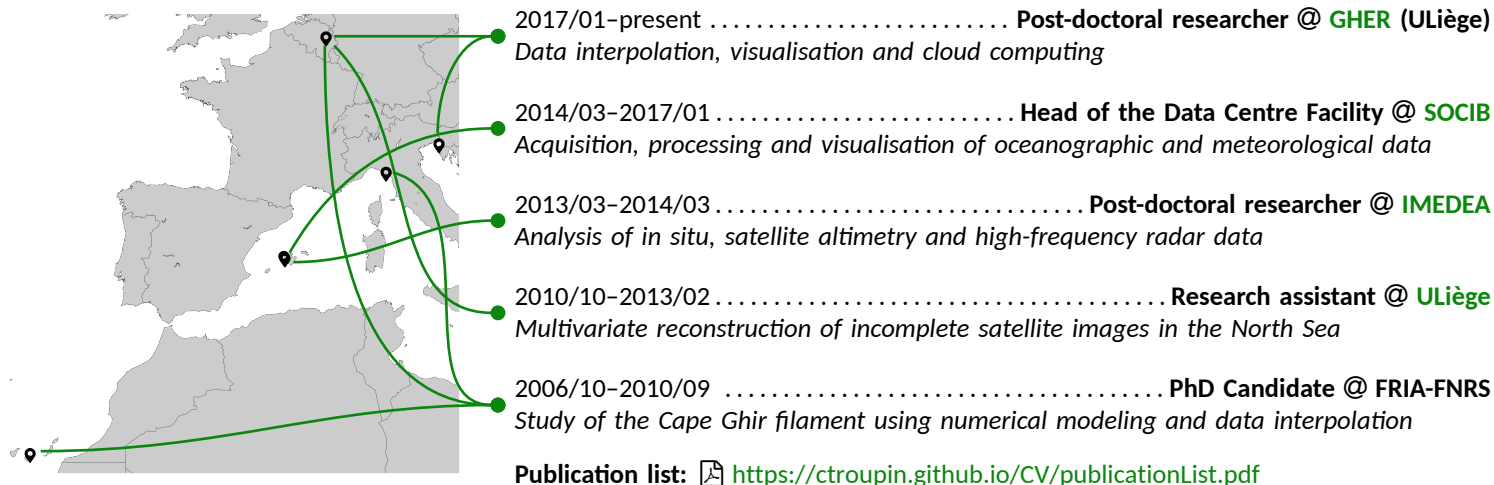


Charles Troupin · Data analyst & modeler · Engineer in Physics

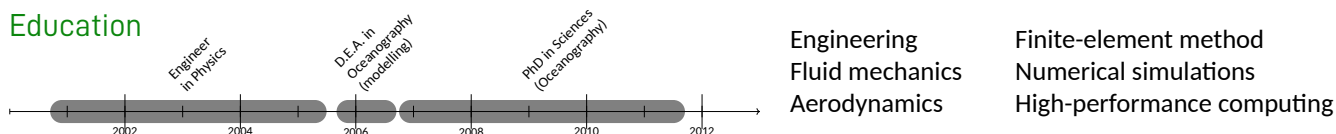
+32 498 155 998
ctroupin@protonmail.com
<https://gitlab.com/ctroupin>
<http://orcid.org/0000-0002-0265-1021>

charles.troupin1
<http://ctroupin.github.io>
<https://github.com/ctroupin/>
<https://twitter.com/CharlesTroupin>

Professional experience



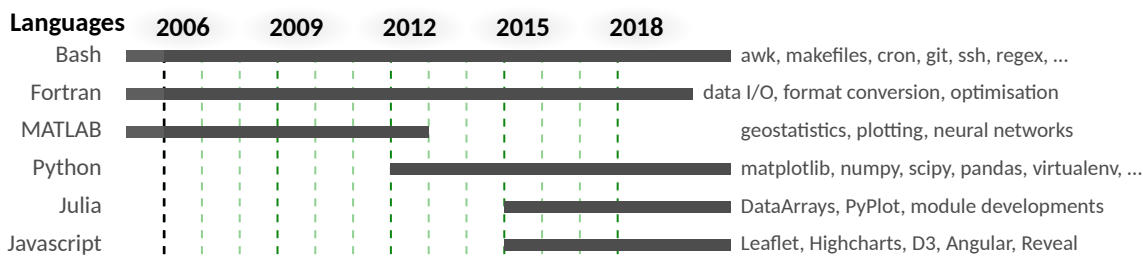
Education



Technical skills

Programming

Functional programming
Object oriented programming
Test-oriented development
Control version system (git, svn)
Jupyter-notebooks
Continuous integration



Web HTML, CSS, markdown, javascript, Bootstrap, Jekyll, wordpress, Dokuwiki, Mediawiki

Data analytics

Spatial interpolation Geostatistics Big data Predictive modelling Cloud computing Data visualisation
Neural networks Signal processing Open data Quality control

Soft skills

Project management: Planning and monitoring · scientific and technical reporting · specification documents and strategic plans · team leading, recruitment · applications for grants and supports · lean and agile management

Communication: Presentations at international conferences (English, Spanish, French) · design of posters and leaflets (Darktable, GIMP, ImageMagick, Inkscape) · social networks · scientific outreach

Organisation: International scientific meetings (200 participants from 40 countries) · User training workshops

Languages ... French (native) ★★★★★
English ★★★★★ Spanish ★★★★★
Catalan ★★★★★ Italian ★★★★★
German ★★★★★ Dutch ★★★★★

Personal interests

Photography Ultra-trail and mountain running Maps Travel blogging
 Road cycling Weather observation & forecast UrbEx Coaching