

Charles Troupin · Data analyst & modeler – Engineer in Physics

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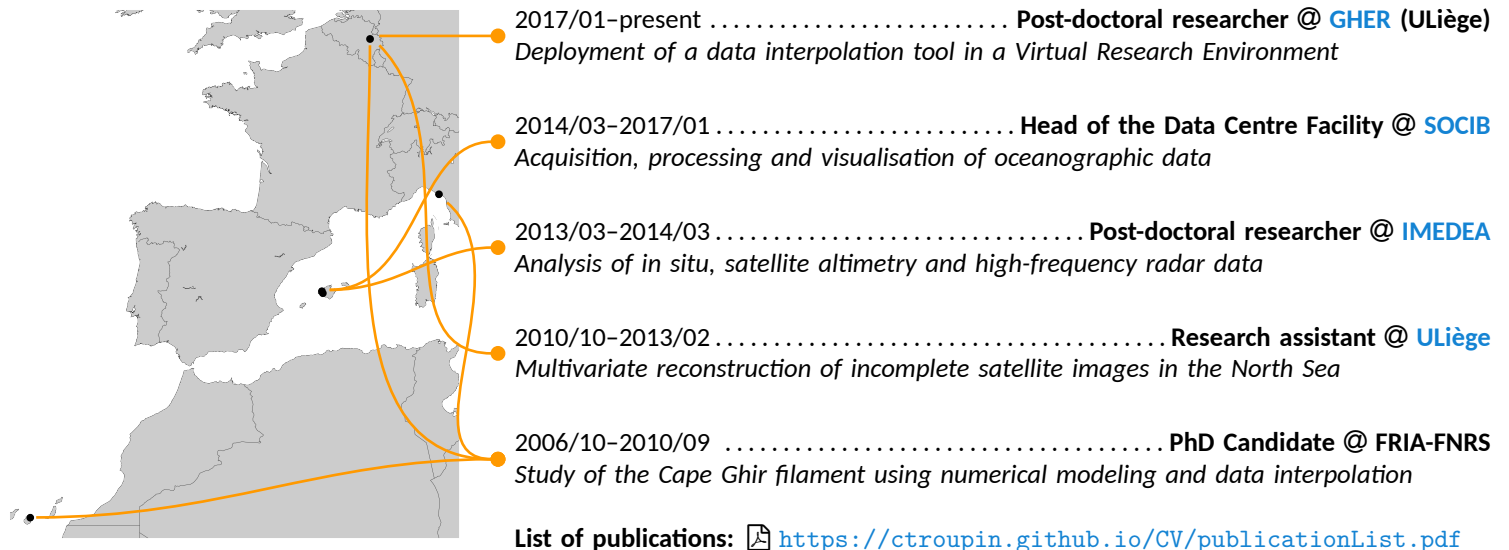
📧 charles.troupin1

🏠 <http://ctroupin.github.io>

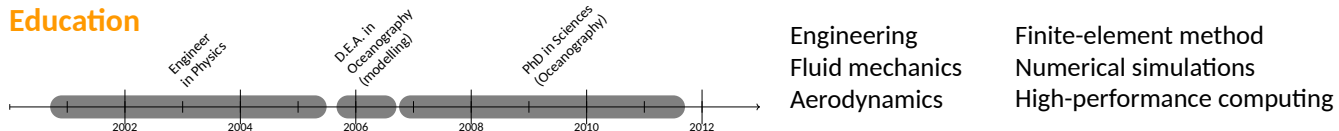
🔗 <https://github.com/ctroupin/>

🐦 <https://twitter.com/CharlesTroupin>

Profesional experience



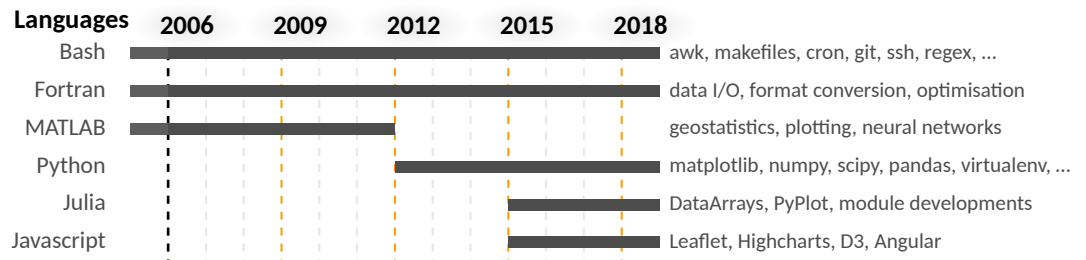
Education



Technical skills

Programming

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



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 OGC standards

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

Personal interests

📷 Photography 🏃 Ultra and mountain running 📍 OpenStreetMap editing 🗞 Travel blogging
🚴 Road cycling ☁ Weather observation & forecast 🏠 UrbEx 🎯 Coaching