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🏳 | French

Martin Tourneboeuf

SOFTWARE ENGINEER

EDUCATION

2011 -- 2013 Astronomy (Master)
🏛 PUC, Santiago, Chile
Observational Cosmology

2008 -- 2011 Engineering
🏛 Polytechnique, Paris, France
Mathematics, Physics

2006 -- 2008 Mathematics
🏛 Lycée Victor Grignard, Cherbourg, France
Mathematics, Physics: preparatory years for national examination

2003 -- 2005 High school diploma
🏛 Lycée Victor Grignard, Cherbourg, France
Natural science

LANGUAGE

🇫🇷 French   Mother tongue
🇪🇸 Spanish   Bilingual
🇬🇧 English   Fluent

PROGRAMMING

Interpreted: 🐚 BaSh, 🗄 SQL, JavaScript, 🐍 Python, Perl, Iraf

Compiled: ☕ Java, 🦀 Rust, C++, (intel) Asm (x86)

Markup: Ⓜ Markdown, LaTeX, Html

Tool: 🦊 Firefox, Vim, Git, 🐳 Docker, Casa, Ds9, Ida, 🖥 Windbg

WORKING EXPERIENCE

2019 -- 2023

Software Tester
Atacama Large Millimeter Array (ALMA), Santiago, Chile
Testing: integration and validation of ALMA software monthly releases (Cpp, Java, Bash)

2015 -- 2019

Cyber Security Analyst
DGA Direction Générale de l'Armement (DGA), Rennes, France
Reverse engineering: analysis of malwares and vulnerabilities for Windows security (Cpp, Asm)

2013

Astronomer
European Southern Observatory (ESO), Santiago, Chile
Adaptative optics: development of a GUI software to measure image quality (Python)

2012

Astronomer (internship)
Canada France Hawaii Telescope (CFHT), Waimea, USA
Observational cosmology: statistical study of the star formation history (Supermongo)

2006 -- 2014

Other professional experiences
🏔 France, India, Chile
- Developper: video games (6 months)
- Waiter, Barman: restaurant (8 months)
- Air conditioning technician: internship in India (1 month)
- Commando marine: lieutenant (8 months)
- Summer camp leader (5 × 1 month)
- Oyster farmer (5 × 2 weeks)