https://tinmarino.github.io



25 december 1988 +56 9 79589076



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,

Mathematics, Physics: preparatory years for national examination

### 2003 -- 2005 High school diploma

French Mother tongue

Fluent

Spanish Bilingual

Lycée Victor Grignard, Cherbourg, France

Natural science

LANGUAGE

#### WORKING EXPERIENCE

2023 -- present

#### Software Pentester

🔨 Dreamlab Technologies, Santiago, Chile Pentesting: Identification of security breaches (C, Asm, Shell)

- Leadership in the development of tools to automate security audits (Bash, C)
- Preparation of cyber security workshops (Latex, C)

2019 -- 2023

#### Software Tester

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

- Leadership in the development of an automated integration and testing framework (Java, Bash)
- Standardisation of the testing steps in the ALMA software development pipeline
- · Collaboration with other teams during on major upgrades of the database, operating system and hardware-in-the-loop (Java, Bash)

2015 -- 2019

# Cyber Security Analyst

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

- Management of the development of YaDiff a reverse analysis function namer (Cpp)
- Development of multiple vulnerability proof of concepts (Cpp, Asm)
- Conduction of training sessions on reverse engineering for new team members (Cpp, Asm)

2013

# Programming

Interpreted:

English

BaSh,



IavaScript,

🥏 Python,



€ Iraf

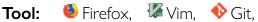
Compiled: 

Java, Rust, C++, end (x86)

Markup: Markdown, ► ATEX,



**፱** Html









Wireshark, Easa

# Astronomer

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

2006 -- 2014

# Other professional experiences

**A** France, India, Chile

- Astronomer: statistical study of the star formation history, insternship in Hawaii
- Developer: video games in Java with LibGdx (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)