



<https://tinmarino.github.io>



[martin.tourneboeuf@gmail.com](mailto:martin.tourneboeuf@gmail.com)



25 december 1988



french



+56 9 79 58 90 76

# Martin Tourneboeuf

## Software engineer




### EDUCATION


#### 2011 – 2013 Astronomy (Master)

 PUC, Santiago, Chile  
Observational cosmology


#### 2008 – 2011 Engineering

 Polytechnique, Paris, France  
Mathematics, physics




#### 2006 – 2008 Preparatory School

 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:**  Python,  BaSh,  
 Perl,  JavaScript,  Iraf

**Compiled:**  Java,  C++,  
 Asm (x86)


**Markup:**  Markdown,  L<sup>A</sup>T<sub>E</sub>X,  
 Html

**Tool:**  Casa,  Ds9,  Ida,  
 Windbg,  Vim,  Git,  Firefox

### WORKING EXPERIENCE


2019 – PRESENT

#### Software tester

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

2015 – 2019

#### Cyber security analyst

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

2013

#### Astronomer

 European Southern Observatory (ESO), Santiago, Chile  
Adaptive 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  
 Developer: 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)