LinkedIn
GitHub
gregoire.henry@ipsa.fr
+33(0)6 26 78 71 37
22 years
French driver license B

SKILLS

C/C++ Python MATLAB FORTRAN Rust
SPICE Cosmographia
Celestial mechanics
Atmospheric entries
Asteroid thermal modelling
Camera simulations

PARTICIPATIONS

EGU 2020 Small Bodies Open (Asteroids,
             Comets, Meteoroids, and Dust)
HERA TIRA CPR meeting at ESA ESTEC
Hackathons: ActInSpace & THALES CodinGame
IPSAONE

PERSONAL PROJECTS

Solar system modelling
Earth-Mars optimisation voyage
Satellite orbit modelling
Star apparent position correction
Huygens entry onto Titan

HOBBIES

Tennis, Soccer, Volley & Piano
Sci-fi books & cinema
Coding

EXTRA

Teaching physics & math for high school

Grégoire Henry

Aerospace engineer student
Master II
Looking for a Ph.D

```
$ cat /home/greg/doc/resume.txt
```
A fan of space coding in his bedroom all day long, dreaming of space and travelling. I would love to be involved in a space program to apply skills I have been practicing. I was working with IPSAONE in the OBC team which aims to send the first cubesat of our school into space. I enjoy participating to online coding hackathons and challenging myself with personal projects.

EXPERIENCES

Observatory of Paris Meudon / LESIA / CCERES
(Feb 2020 – August 2020)
Asteroid characterisation and radio-science test bench

Royal Observatory of Belgium
(Jun 2019 – Sep 2019)
Simulations of thermal camera images from a spacecraft around asteroid (NASA/NAIF SPICE, shape models, thermal model, camera) for the HERA mission.

Thales Alenia Space
(Jul 2017 – Aug 2017)
Automation & optimization of files/codes to analyze supplier's production.

FORMATIONS

IPSA
Institut Polytechnique des Sciences Avancées
(2015 – 2020) Toulouse & Paris

KOREATECH
Korea University of Technology and Education
(2018 – 2019) Cheonan