

# Adrien CHARDON

I am a freshly graduated engineer, fascinated by computer science and electronics. I am looking for an internship or first permanent job starting in April 2019. I can relocate anywhere on Earth.

✉ [adrienchardon AT mailoo.org](mailto:adrienchardon AT mailoo.org)  
📄 [cv.nodraak.fr/en.pdf](http://cv.nodraak.fr/en.pdf)  
🌐 Nodraak

**Professional objective:** software development or electronic design for space hardware (launchers, satellites, spacecrafts, etc).

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## Education

### Degrees

- 2018 - 2019 **Advanced Master**, *TAS Astro: space systems design.*  
*Pending* ISAE-Supaero - Toulouse, France
- 2013 - 2018 **Engineering Degree**, *Majoring in embedded systems.*  
ECE Paris - Paris, France
- 2015 - 2016 **Bachelor of Science**, *Electronics & IT.*  
Aalborg University, electronics department - Aalborg, Denmark

### Languages

- French **Mother tongue.**
- English **Fluent**, *TOEIC: scored 935/990 in 2017.*

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## Work Experiences

### Employment Experience

- March to August 2018  
**Internship**  
COMMUNICATION & SYSTÈMES
- Designed and deployed a system to automate the deployment of virtualized applications and execution of tests (units, integration, etc).
  - *Skills: system administration (Linux Centos), Docker, Kubernetes, monitoring (Prometheus, Grafana), Ansible, Git.*
- May to August 2017  
**Internship**  
FUTURE ELECTRONICS
- Adapted the Mbed-os framework for the new PSoC 6 microcontroller from Cypress. Implemented several peripherals such as GPIO, UART, Timer and Bluetooth BLE.
  - *Skills: C, ARM microcontroller, Git.*

### Student Projects and Volunteering

- 2017-2018  
**Project leader**  
ECE3SAT
- Designed and built, with 25 students, a nano satellite in order to study a new de-orbit technique. In charge of the team responsible for the satellite architecture and the on-board computer.
  - *Skills: distributed architecture design, sizing and microcontrollers choice, team management.*
- 2016-2017  
**President**  
ITTEAM
- President of the association at ECE promoting computer science and free software. Coordinated the organization of events and conferences for the students.
  - *Skills: team work and association management.*
- 2016-2017  
**Student project**  
GALI X
- Designed and built an autonomous robot for the French Robotic cup. In charge of programming: designed a distributed architecture to allow easier reuse for the next robots.
  - *Skills: C++, Python, Git, ARM  $\mu$ controllers, distributed architecture, CAN bus.*

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## Hobbies

- Personal projects Computer science, robotics, model airplanes
- Space simulation Kerbal Space Program