

# 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](https://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

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

### Languages

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|---------|---|
| French  | <b>Mother tongue.</b>                                 |
| English | <b>Fluent</b> , <i>TOEIC: scored 935/990 in 2017.</i> |

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## Work Experiences

### Employment Experience

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|--|---|
| March to August 2018<br><b>Internship</b><br>COMMUNICATION &<br>SYSTÈMES | - Designed and deployed a system to automate the deployment of virtualized applications and execution of tests (units, integration, etc).<br>- <i>Skills: system administration (Linux Centos), Docker, Kubernetes, monitoring (Prometheus, Grafana), Ansible, Git.</i> |
| May to August 2017<br><b>Internship</b><br>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.<br>- <i>Skills: C, ARM microcontroller, Git.</i>  |

### Student Projects and Volunteering

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|---|--|
| 2017-2018<br><b>Project leader</b><br>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.<br>- <i>Skills: distributed architecture design, sizing and microcontrollers choice, team management.</i> |
| 2016-2017<br><b>President</b><br>iTEAM        | - President of the association at ECE promoting computer science and free software. Coordinated the organization of events and conferences for the students.<br>- <i>Skills: team work and association management.</i>   |
| 2016-2017<br><b>Student project</b><br>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.<br>- <i>Skills: C++, Git, ARM µcontrollers, distributed architecture, CAN bus.</i>   |

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## Hobbies

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