Adrien CHARDON

I am a French engineer, freshly graduated, fascinated by computer science and electronics. I am looking for an internship or first permanent job starting in March 2019.

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

French nationality
✉ *adrienchardon AT mailoo.org*
🖋 *https://nodraak.fr*
⊕ *https://github.com/Nodraak*

Education

Degrees

2018 - 2019 *Pending*	**Advanced Master**, *TAS Astro: space systems design*. 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*.

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
ITEAM

- 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++, Git, ARM µcontrollers, distributed architecture, CAN bus.*

Hobbies

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