Florent Fayollas

Computer science engineering masters student

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Full current driving licence

Education

2016 – present   **ENSEEIHT**, *INP (Toulouse Institute of Technology)*, France.
Top ranked French post graduate engineering school
Specialization: computer science and applied mathematics

2014 – 2016   **"La prépa des INP"**, *Toulouse Institute of Technology*, France.
Prestigious preparatory class within the INP group of **highly ranked French engineering schools** (two years undergraduate intensive courses in Mathematics, Physics, Chemistry and Biology)

Professional experience

2017   **12 weeks internship at Thales Avionics**, Toulouse, France.
Development of a carpooling **web application:**
○ **Design from scratch** (technologies' choice, architecture)
○ **Agile development** using PHP, PostgreSQL and AngularJS

2016   **6 weeks internship at EREMS**, Toulouse, France.
Intranet enhancement:
○ **Automated standardization** of a **MySQL database**'s content
○ Development of **automated methods** to prevent future non standardized information

Programming projects

2014   **Development of ArgoView user interface**.
○ **Java program** to display data of the CNES' Argonautica project on Google Map (Argonautica project provides animal positions each week on a public website)
○ Website : `florent.fayollas.me/project/argoview`

2010 – 2012   **"NaheulBeuk Helper" design and development**.
○ **C++ program** to help players of a French role play game named NaheulBeuk
○ Website : `florent.fayollas.me/project/naheulbeuk-helper`

Community experience

2017 – 2018   **Elected student representative**, *for ENSEEIHT's school councils*.

Preparation and participation at the "4L Trophy" humanitarian rally.
○ French website: `www.eco4lpe.fr`

Languages

French	Mother tongue	English	Upper-intermediate level
Spanish	Upper-intermediate level	Chinese	Beginner (currently learning)

Computer skills

GNU/Linux	Ubuntu, Debian, ArchLinux	Web	HTML, CSS, JavaScript
Mathematics	Matlab, Fortran	OOP	Java, C++, PHP
Microcontroller	Arduino and PIC cards	Other	Python3, Ada, OCaml, C

Activities and interests

○ Guitar (7 years)
○ Automobile mechanic (1 year)
○ Rock (3 years)
○ Windsurf (5 years)