

Tàzio Gennuso

looking for 6 months computer science internship

Contact

(+33) 652897448

Linkedin

tazio.gennuso@ensiie.fr

Languages

french : first language
english : fluent
italian, chinese : notions

About me

Currently in **last year of engineering school** in computer science, I am **looking for a 6 months internship**. I am interested in system administration (on Unix type systems) or software development (on Unix type platform). Thanks to my formation, I have specific knowledge in **High Performance Computing**, thereby I would be enthusiastic to work in this field.

Interests

Hiking, play the trumpet, role-playing games, reading

Education

- 2015–Now **Student in Computer Science Engineering School** ENSIIE, Évry
École Nationale Supérieure d'Informatique pour l'Industrie et l'Entreprise
I followed a pathway focused in HPC (*High Performance Computing* problematics and administration).
- 2013–2014 **CPGE MPSI-MP** Jacques Amyot, Melun
« Classe Préparatoire aux Grandes Écoles », specialized in mathematics and physic.
- 2013 **Baccalaureate** , scientific St Aspais, Melun

Experience

- 2018 **CEA** Bruyères-le-Châtel, France
three months internship
I worked on the development and optimization of a diskless solution for compute clusters. The idea was to centralize the system of all the nodes with docker and iSCSI technologies. I implemented a planned solution within a virtual cluster that I configured. I also participated in the development of the administration tool of this solution, in python, adding features manipulating docker and iSCSI.
- 2017 **SARL BUSIPOLIS** Metz, France
3 months mission
I developped a intern website for internal documentation of the company, using CakePHP.
- 2016 **Paris Aéroport** Roissy-en-France, France
two months internship
I managed the migration of heterogeneous database of the low current network infrastructure. I used SQL, wrote scripts in PL/SQL, and manipulate data with advanced spreadsheet usage.

Projects

- 2018 **IRC Bot**
A multiserver polyvalent IRC bot in python 3, with a system allowing "hot-(re)load" of fonctionnalités and configuration, and several administration levels. The base template of this bot can easily be used to create bots with any utilities, writing dedicated modules.
- 2018 **Website on the school's intranet**
Cooperative anonymous news website for members, with vote system and several stylesheets.
- 2016 **Game project in team**
I developped a game in C, using SDL library for graphic interface. I learnt to work in team and to manage a project when several members are involved.

Skills

Advanced knowledge of GNU/Linux systems Debian, CentOS, Arch

Programmation C, C++, python, Caml, Coq, Java, HTML/CSS

HPC specific Lustre, MPI, OpenMP, Slurm, Nagios/Shinken, Puppet

Database SQL, PL/SQL, MongoDB, SQLite3

Project management Git, Doxygen, Trello, Agile software development