

Tom Moulard

Software Developer

Objectives

Seeking to apply my analytical skills to the challenges posed by an internship at your company. Poses proven algorithmic and research abilities that will aid your company in meeting its milestones.

Education

- 2014-date **EPITA**, *Computer Engineering*, Kremlin-Bicêtre - FR, Member of the Prologin Association and TCOM assistant.
- 2014-2019 **Université Paris-Est Créteil**, *Computer Engineering focused School*, Créteil - FR.
- 2017 **Beijing Jiaotong University**, *6 month studying IT engineering*, Beijing - ZH.
- 2014 **High School diploma**, *Scientific section*.

Expériences Professionnelles

- 2019-date **Co-Funder and CTO**, *Eiko*, FR.
Creating a Progressive Web App using:
 - Back-end: Go, GCP and Algolia;
 - Front-end: HTML, CSS, JS and materializecss.
- 2018 **Full Stack**, *Zeodine*, FR, 4 month.
Creating a web site using: Go; HTML; CSS; JS and P5.js. And using: Unit Testing; Acceptance Testing; Automatic Deployment.
- 2017 **Python Developer**, *ZH*, 2 month.
Natural Language Processing in Python and graph database management (Neo4j).
- 2017 **Internship**, *Orange*, FR, 1 month.
pfSense firewall managing inside an OpenStack cloud (High Availability, tunneling, sorting).

Projects

- 2020 **Traefik hackathon**, *Golang*, link, 3 days.
First place awarded for the creation of two middleware plugins for the Traefik reverse proxy: Fail2Ban and Header Transformation.
- 2020 **IS Transformation project**, *1 an*.
Project to transform the IS of an airline company. Benchmarks, studies and strategy with IT, economic and humans goals. Goal definition and the trajectory to reach it.
make-my-server, *docker*, *docker-compose*, link github.
Set of script to manage my server configuration.

Skills

- Languages **Python, C, Go, shell**, Java, C++, C#, OCaml, JS, SQL.
- Tools **Docker, GIT, CircleCI, Django, Ansible, Terraform, OpenStack, AWS, GCP, OVH**, Docker-compose, TensorFlow, MongoDB, Neo4j, MySQL, PostgreSQL, VirtualBox, Agouti, Traefik, Apache, Hugo, *R5*, PFSense, Heroku, Unity.
- Markup **LaTeX**, HTML, CSS, YAML, toml.
- Multimedia **Word, Excel, Access, PowerPoint**, GIMP, Imagemagick, Inkscape.
- Languages **French, English**, Spanish, Chinese.
Native, Fluent (TOEIC: 945/990), Writing and Speaking, Low understanding

Interests

- Technology Open Source foundations; Robotics; drones;
- Environment Social impact and responsibility; influence of technology.
- Sports Swimming; Badminton; Roller hockey.